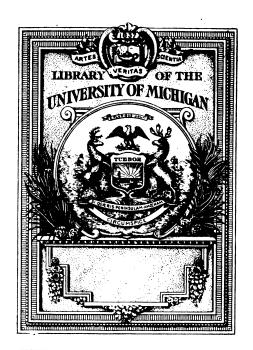
PHILIPPING WEATHER BURRAU BULLITIN 1918



990 .755





THE GIFT OF
Thilippine Islands
Wedner Bureau

|         |     | - , |                                       |
|---------|-----|-----|---------------------------------------|
|         |     | 4   | ,                                     |
|         |     |     | `                                     |
|         |     |     |                                       |
|         |     |     |                                       |
|         |     |     |                                       |
|         |     |     |                                       |
|         |     |     |                                       |
|         |     |     |                                       |
|         |     | 8.  |                                       |
|         |     |     |                                       |
|         |     |     |                                       |
|         | ,   |     |                                       |
|         |     |     |                                       |
|         |     |     | ·                                     |
|         |     |     | · · · · · · · · · · · · · · · · · · · |
|         |     |     |                                       |
|         |     | •   |                                       |
|         |     |     |                                       |
|         |     |     |                                       |
|         |     |     |                                       |
|         |     |     |                                       |
|         |     |     |                                       |
|         |     |     |                                       |
|         |     |     | •                                     |
|         |     |     |                                       |
|         |     |     |                                       |
|         |     |     |                                       |
|         |     |     |                                       |
| $\cdot$ |     |     |                                       |
|         |     |     |                                       |
|         |     |     |                                       |
|         |     | n n |                                       |
|         |     | •   |                                       |
|         | •   |     | •                                     |
|         |     |     |                                       |
|         |     |     |                                       |
|         |     |     |                                       |
|         |     |     |                                       |
|         |     |     |                                       |
|         |     |     |                                       |
|         |     |     |                                       |
|         |     |     |                                       |
|         |     |     |                                       |
|         | 100 | •   | V.                                    |

. : • • 

•

Blilippine Islands wrather bureau

THE GOVERNMENT OF THE PHILIPPINE ISLANDS

## WEATHER BUREAU

MANILA CENTRAL OBSERVATORY

# MONTHLY BULLETIN, 1918

PREPARED UNDER THE DIRECTION OF

REV. JOSÉ ALGUÉ, S. J.

DIRECTOR OF THE WEATHER BUREAU

MANILA BUREAU OF PRINTING 1918 •

•

SEP 3 1918.

THE GOVERNMENT OF THE PHILIPPINE ISLANDS

# WEATHER BUREAU

MANILA CENTRAL OBSERVATORY

BULLETIN FOR JANUARY, 1918

PREPARED UNDER THE DIRECTION OF REV. JOSÉ ALGUÉ, S. J.

DIRECTOR OF THE WEATHER BUREAU

MANILA BUREAU OF PRINTING 1918

| 병원도 교육하다 중요하다는 이번 이 나는 한글을 됐죠?  |   |
|---|---|
| 그렇게 했다고 있는 말로 하는 보고 그를 하는데 보다.  |   |
| 보호환경 발생하면 얼굴하는 동물을 하고 있으라면서 시작된   |   |
| 생생님들 경기로 내고 있는 그 말을 잃었다. 이번 경기를 받   |   |
| 일본 : : : : : : : : : : : : : : : : : : :  |   |
| [[: [: [: [: [: [: [: [: [: [: [: [: [:   |   |
|   | 의 하는 것으로 보다 가는 것이 되는 것도 있는 것을 가게 하는 것이 되었다.<br>   |
|   |   |
| 세계점 마우 이 나라, 한다가 많으면 보지 않게 되었다.   | 보면 보다 가는 사람들이 고려지는 모양하다는 것도   |
|   | 경기 유명 그리고 불어 있는 그 그래요 그 그래요 얼마다   |
| 경찰들은 얼마 하는 것이 하는 것은 사람들이 되는 것 같다.   |   |
| 교육의 취기 교실 ( ) - 이 12 등 교육 등 등 기계를 기계를 하는 것이 함께 되는 기계를 하는<br>경우이라고 있는 경기 전체 기계를 하고 있는 것이 된 것을 모르는 것으로 하는 것이다.  |   |
| 에 보면 보면 사람들은 사람들이 되었다.<br>기본 제도 등 사람들은 사람들이 가는 경기를 보면 보고 있다.  | - 발생 제 발생님, 그리고 말하는 그 생물 회사하고 있는 것이 되는 것이 되었다.<br>- 사람이 1. 물건이 되는 것이 되는 것이 되는 것이 하는 것이 되었다. 그 것이 없었다.         |
| 선물하다 바람이 나는 사람들이 살아 있는 것이 되는 것이 나는 것이 없다.   | 기존 맛들다는 건물에 되고 요즘은 전기의 모든 함께 다  |
|   | - 바람이 하는 이 사람들은 그 가능한 것은 함께 함께 함께 함께 함께 함께 하는 것이 없다.  |
| 이 생활물들은 항상 이 경험하는 동안이 많아 이다. 그 보다.  | 다하는 무료하셨습니다. 하는 그렇는 그리는 어느 하는데 보다.  |
| 이렇다는 물통이 살이 살을 때 살아나는 돈을 마시면 했다.  |   |
| 지하다 하지 않는 이 사람들이 하지만 말하지 않다고 있다.  | B. 2012년 1일   |
|   |   |
|   |   |
| 고 있는 동안 등에 보는 것이 있는 것이 되는 것이 되는 것이 되었다.<br>   | 분하는 그 시간 이 보는 이 보고 있는 것이 되었다. 그는 사람들이 되었다.<br>보고 함께 한 경기를 보고 있는데 하는 것이 있는 것이 없는데 하는데 되었다.                     |
| 그 되었다. 바다 그 그를 가는 그를 보고 있다. 그를 보고 있다.   |   |
| [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]   | 가는 경기를 가는 것이다. 그 사람들은 사람들은 사람들은 사람들은 사람들이 되었다.<br>이 유럽 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은                |
| 교교 집안들이 걸려 그렇게 동안 보다 하다 그렇다   | [낚시하다] 1 : 도로 시민이 회사하다는 그런 그리고 이 그리고 그릇이다.  |
|   |   |
|   | 그리즘 그리는 사람들은 그들은 사람들은 사람들이 살아 되었다.  |
| 얼룩하는 하루 나는 사람들은 하는 사람들이 되었다. 그 사람들은 취임하다  | 불다가를 하다면까지도 한 사람들이 살라면 하나가요. 날.   |
| - '' 그렇게 하는 것이 되었다. 그들은 이 사람이 하는 것이 하는 사람이 되었다.<br>- '' 사람들 물리를 들어 하는 것이 되었다.   |   |
| 나를 잃어 가장됐다. 그러는 그 나는 그 나는 사이를 받는다.  |   |
| 하다 방송프라이트 그렇게 들었다면 하다 마음 회문화를 들었다.  | #####################################   |
|   | [편집] 보이 이 하루 아이들은 얼마나 얼마나 하지 않는데 다  |
|   | 보고 있다. 하시아 아일 전에 보세 아이 아이 그렇게 되는 것이 되었다. 이 이 사람이 되었다.<br>그렇지 않아 보고 있는 아이를 보고 하시아 있는 사람들이 되는 것이 있다. 사람들이 되었다.  |
|   |   |
|   | 발매 보고 있다. 그 사이에 있는 것이 가는 사이를 받는 것이 되었다.<br>발표 기업 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.                       |
| 등 이번 경험 하늘 생각 보고 있는 것이다. 이번 경기를 가는 것이 되었다.<br>등 1982년 1일  | 요   |
| 얼마들 가는 마음이라는 말을 내지 않는 것을 받아 다르겠다면 있다.   |   |
| 병원 동생 이 그 사용이 하나 모르다 보니 모든 반입하다   | 뭐야 이번 나무는 이 얼마를 하다니다. 이 이 그렇게 하는 것  |
| (1985) 1986 - 1986 - 1986 - 1986 - 1986 - 1986 - 1986 - 1986 - 1986 - 1986 - 1986 - 1986 - 1986 - 1986 - 1986   | 현실으로 이 사고 발생님은 이번 생각을 하는데 그 이 사람이 되어 있다.  |
| 아ુ하는 물문화가 있다고 있는 그들은 말로 보고 있는데 없는 것은  | 보는 불인 이번, 회사들으로 스탈린 이번 기사를 받는다.   |
| 그렇게 살이 아들이 맛을 먹는 그리는 왜 큰 듯하지 않아 하다.   |   |
| 그릇한 교통이 나타지 하다면 하는 사이 사람들은 사람들이 되었다.  |   |
| 용의하시고 생생이 보고 있는 것은 이름 돌아 모르게 되었다면 했다.   | 가득 그 것은 하는 것이다.<br>1. 사용  |
|   |   |
| 제 수 있다. 하다 그는 것은 사람이 살아 나는 사람이 살아 나를 먹었   | 요리 함께도 중하는 것 같아. 하는 것으로 하는 것으로 하는 것이 되었다. 그런 것으로 보고 있다.<br>요리를 발한 사람들이 가지 않는데요. 그는 것 같아. 그는 것 같아 보고 있다. 그는 것은 |
| 20 - Ferrand - The Control of Co | 요. 하다. 하는 이 사람들이 하는 것이 되는 것이 되었다. 그는 그 사람들이 하는 것<br>하는 그 전에 살았는 그 사용하는 것이 하는 것이 하는 것이 하다고 있는 것을 하는 것이다.       |
| 그리아를 되는데 하는 때 그들은 모르는데 나를 다   | 하기 등 전 경기 등 경기 가입니다. 이 경기 등 경기  |
|   | 기계 등입 경험에 기업을 가는 것이다.<br>   |
|   |   |
| 지수는 경기가 살려가 들었다. 양고 등으로 남자 이 보였다.   |   |
|   |   |
| 공항하는 경험 가장 맛서 가는 사람들의 하는 것이 없다고   | 하고 있다. 그 중에도 아름면 하고 있는데 이번 나를 받는다.  |
| 공원경기 등 시간 병원들은 그 경기 살아 나는 것   |   |
| 강빛으로 하는 생활이 가는 것 같았다. 얼굴하는 하는데 하다 하다  | 그는 남녀를 잃어 올림 생각이 있는 사람은 사람이 되었습니다.  |
|   |   |
|   |   |
|   |   |
|   |   |

#### INTRODUCTION.

The form of our Monthly Bulletin as adopted in 1907 and modified in 1914 will be retained. Unless otherwise stated, by daily rainfall in the Philippines we mean the amount of rainfall for 24 hours beginning 6 a.m. The time used is that of the one hundred and twentieth meridian east of Greenwich.

The following is a list of all the meteorological stations of the Weather Bureau together with the names of the respective observers, who are in a great measure responsible for the accuracy of the observations published in this Bulletin:

SECONDARY STATIONS AND OBSERVERS OF THE WEATHER BUREAU.

| Station.                |                 | rth<br>ude.     | Ea<br>longi | st<br>tude.     | Observer.               | Class. |
|-------------------------|-----------------|-----------------|-------------|-----------------|-------------------------|--------|
|                         | 0               | ,               | 0           | 1               |                         |        |
| Jolo                    | 6               | 03              | 121         | 00              | Rufino de la Cruz       | III    |
| Isabela, Basilan        | 6               | 42              | 121         | 58              | Inocencio Rodriguez     | IV     |
| Zamboanga               | 6               | $\overline{54}$ | 122         | 05              | Juan Lugod              | II     |
|                         | 7               | 01              | 125         | 35              | Lamberto Garcia         | ΙĨĨ    |
| Davao                   | 7               | 13              | 124         | 15              | Felix Manabat           | ΪΪΪ    |
| Cotabato                |                 |                 |             |                 |                         |        |
| Cagayan, Misamis        | 8               | 29              | 124         | 38              | Juan Hernandez          | III    |
| Dapitan                 | 8               | 40              | 123         | 25              | Agaton Edmilao          | IV     |
| Butuan                  | 8               | 56              | 125         | 32              | Generoso Copin          | III    |
| Mambajao                | 9               | 14              | 124         | 43              | Guillermo P. Cabriole   | IV     |
| Dumaguete               | 9               | 18              | 123         | 19              | Matias Ordiales         | III    |
| Yap, W. Carolines       | 9               | 29              | 138         | 08              | Prudencio Z. Urbiztondo | III    |
| Toghilonon              |                 | 38              | 123         | $5\overline{1}$ | Francisco Burgos        | ΪΪ     |
| Tagbilaran              | 9               |                 |             | 38              |                         | Î      |
| Iwahig                  | 1 -             | 44              | 118         |                 | Dionisio Crisanto       |        |
| Surigao                 |                 | 48              | 125         | 29              | Francisco Tiangco       | II     |
| Maasin                  | 10              | 08              | 124         | 50              | Aguedo Espina           | III    |
| Cebu                    | 10              | 18              | 123         | 54              | Domingo de los Angeles  | Ι      |
| Iloilo                  | 10              | 42              | 122         | 34              | Ricardo A. Luna         | 1      |
| San Jose Buenavista     | 10              | 44              | 121         | 55              | Teodoro Peñeiro         | III    |
| Cuyo                    | 10              | $\overline{51}$ | 121         | 01              | Roman Kabigting         | ÎĨĨ    |
|                         | 11              | 00              | 124         | 36              | Severo Bande            | İİİ    |
| Ormoc                   | 11              | 02              | 125         | 44              |                         | iii    |
| Guiuan                  |                 |                 |             |                 | Patricio Yabao          |        |
| Tacloban                | 11              | 15              | 125         | 00              | Ezequiel Reinoso        | ĨĨ     |
| Capiz                   | 11              | 35              | 122         | 45              | Pedro M. Asturias       | II     |
| Borongan                | 11              | 37              | 125         | 26              | Godofredo Bacolo        | III    |
| Catbalogan              | 11              | 47              | 124         | 51              | Clemente M. Letaba      | III    |
| Calbayog                | 12              | 04              | 124         | 36              | Segundo Peñaflorida     | II     |
| Masbate                 | 12              | 22              | 123         | 36              | Vicente M. Sañano       | ÍŶ     |
|                         | 12              | 35              | 122         | 16              |                         |        |
| Romblon                 |                 |                 |             |                 | Dolorito Contreras      | III    |
| Batag                   | 12              | 40              | 125         | 04              | Placido A. Edroso       | IV     |
| Sorsogon                | 12              | 55              | 124         | 08              | Agustin Mendoza         | III    |
| Legaspi                 | 13              | 09              | 123         | 45              | Bernardino Costa        | I      |
| Sumay, Guam             | 13              | 24              | 144         | 38              | William Pimley          | III    |
| Calapan                 | 13              | 25              | 121         | 11              | Aquilino Nokom          | III    |
| Virac                   | 13              | $\overline{35}$ | 124         | $\overline{14}$ | Eusebio Talion          | ÎÎÎ    |
|                         | 13              | 37              | 123         | 11              | Eduardo Ontengco        | ÎÎÎ    |
| Naga                    | 13              | 45              | 121         | 03              | Iogo N. Cobroro         | iii    |
| Batangas                |                 |                 |             |                 | Jose N. Cabrera         |        |
| Lucena                  | 13              | 56              | 121         | 37              | Vicente Valderrama      | ΙĮΙ    |
| Atimonan                | 14              | 00              | 121         | 55              | Pedro Baltasar          | I      |
| Ambulong, Tanauan       | 14              | 07              | 121         | 04              | Gregorio Peralta        | II     |
| Canlubang, Calamba      | 14              | 13              | 121         | 07              | Nicolas Princena        | IV     |
| Paracale                | 14              | 1.7             | 122         | 47              | Benito Pelaez           | II     |
| Santa Cruz, Laguna      | $\overline{14}$ | 18              | 121         | 25              | Doroteo Eusebio         | ΙΪΙ    |
| Antipolo                | 14              | 36              | 121         | 10              | Valeriano Garcia        | ΪΫ     |
|                         | 15              | 20              | 119         |                 |                         | III    |
| Iba                     |                 |                 |             | 58              | Antonio Gaza            |        |
| San Isidro              | 15              | 22              | 120         | 53              | Bernardo Pecache        | II     |
| Tarlac                  | 15              | 30              | 120         | 35              | Valeriano Magat         | IV     |
| Baler                   | 15              | 40              | 121         | 34              | Santiago Palmero        | IV     |
| Dagupan                 | 16              | 03              | 120         | 20              | Jose M. Sison           | Ι      |
| Bolinao                 | 16              | 24              | 119         | 53              | Lorenzo Goli            | III    |
| Baguio                  | 16              | $\overline{25}$ | 120         | 36              | Pastor P. Daroy         | Î      |
| San Fernando, Union     | 16              | 37              | 120         | 19              | Estanislao F. Feraren   | ПП     |
|                         |                 |                 |             |                 |                         |        |
| Echagüe                 | 16              | 41              | 121         | 39              | Benito Maramba          | III    |
| Candon                  | 17              | 12              | 120         | 26              | Luis Quismorio          | , ĮV   |
| Vigan                   | 17              | 34              | 120         | 23              | Jose de Jesus           | II     |
| Tuguegarao              | 17              | 36              | 121         | 40              | Jose C. de Leon         | II     |
| Laoag                   | 18              | 12              | 120         | 35              | Jose Saez               | ĨĨ     |
| Aparri                  | 18              | 22              | 121         | 38              | Manuel Delgado          | Î      |
| Cape Bojeador           | 18              | 31              | 120         | 36              | Fabian Velazquez        | Ϊ́V    |
| Santo Domingo, Batanes  | 20              | 28              | 121         | 59              | Claudio Castillejos     | iii    |
| Janto Donningo, Datanes | 40              | 40              | 141         | ยฮ              | Ciaudio Castillejos     | 111    |

#### INTRODUCTION.

The signs and symbols employed in this publication are the following:

Note.—A small  $^{\circ}$  or  $^{\circ}$  used as an exponent to the above symbols indicates, respectively, that the intensity of the meteor denoted by the symbols thus affected was small or very great.

### INTRODUCCIÓN.

Conservaremos en esta publicación la misma forma adoptada en 1907, y modificada en 1914. Mientras no se diga lo contrario, por lluvia diaria en Filipinas entendemos la cantidad de lluvia en 24 horas empezando a 6 a.m. El tiempo usado es el del meridiano ciento veinte.

Damos en el texto inglés una lista de todas nuestras estaciones con los nombres respectivos de los observadores, los cuales son en gran parte responsables de las observaciones que se publican en estos boletines.

Los signos y símbolos usados en esta publicación son los siguientes:

| Símbolos. | Significado.                      | Símbolos. | Significado.             |
|-----------|-----------------------------------|-----------|--------------------------|
| Ci.       | Cirrus.                           | o         | Cubierto.                |
| CiS.      | Cirro-stratus                     | p         | Lluvia pasajera.         |
| CiCu.     | Cirro-cumulus.                    | q         | Achubascado.             |
| ACu.      | Alto-cumulus.                     | û         | Tiempo feo o amenazador. |
| AS.       | Alto-stratus.                     | v         | Trasparencia del aire.   |
| SCu.      | Strato-cumulus.                   | w         | Húmedo.                  |
| N.        | Nimbus.                           |           | Lluvia.                  |
| Cu.       | Cumulus.                          | <b>■</b>  | Niebla o neblina.        |
| CuN.      | Cumulo-nimbus.                    | 9         | Rocío.                   |
| S.        | Stratus.                          | $\oplus$  | Halo solar.              |
| FrCu.     | Fracto-cumulus.                   | Đ         | Halo lunar.              |
| FrN.      | Fracto-nimbus.                    | E         | Corona lunar.            |
| FrS.      | Fracto-stratus.                   | $\oplus$  | Corona solar.            |
| Scf.      | Stratus-cumuliformis.             | く         | Relámpago sin trueno.    |
| Ncf.      | Nimbus-cumuliformis.              | ſŽ        | Tempestad de trueno.     |
| MCu.      | Mammato-cumulus.                  | Ť         | Trueno sin relámpago.    |
| b         | Despejado.                        | jw.       | Viento duro.             |
| c         | Nublado.                          |           | Arco-iris.               |
| d         | Llovizna o lluvia ligera.         | $\infty$  | Niebla seca.             |
| g         | Mal cariz; tiempo cerrado, fosco. |           |                          |

Nota.—Un° o un² puestos como exponentes de los signos, indican respectivamente una muy débil o una muy fuerte intensidad en el meteoro que representan.

# MISSING PAGE

# MISSING PAGE

#### METEOROLOGICAL BULLETIN FOR JANUARY, 1918.

By Rev. José Coronas, S. J., Chief, Meteorological Division of the Weather Bureau.

#### GENERAL WEATHER NOTES.

Pressure and temperature.—With the exception of a few stations in the northern part of Luzon, the mean atmospheric pressure of this month is somewhat lower than the January's normal. The highest pressures of the month were generally observed on the 8th or 9th, and the lowest on the 25th, 29th, or 30th.

The mean monthly temperature is remarkably below that of the preceding year and below the normal of this month, the differences being greater in northern Luzon. The absolute maximum and minimum temperatures for Manila were  $30.4^{\circ}$  C. on the 14th, and  $15.7^{\circ}$  C. on the 23d. The extreme temperatures for Baguio were  $24.1^{\circ}$  C.,  $8.3^{\circ}$  C. on the top of Mirador, and  $24.1^{\circ}$  C.  $8.1^{\circ}$  C. in the valley.

PRESSURE AND TEMPERATURE AT THE FIRST AND SECOND CLASS STATIONS FOR JANUARY, 1918.

|  |   |  | F  | ressure   |   |   |  | A CONTRACT OF THE PROPERTY OF |  | T  | emperat  | ure.   |  |  |
|--|---|--|--|---|---|---|--|---|--|--|--|--|--|--|
| Station.   | Mean.   | ture   | Departure from normal.   | High-<br>est<br>mean.   | Day.  | Low-<br>est<br>mean.  | Day.   | Mean.   | Departure<br>from<br>Jan.,<br>1917.                              | Departure from normal.   | High-<br>est.  | Day.   | Low-<br>est.   | Day.   |
| Zamboanga Tagbilaran(a) Surigao Cebu Iloilo Tacloban Capiz' Calbayog Legaspi Atimonan Ambulong, Tanauan Paracale Manila San Isidro Dagupan Baguio(b) Vigan Tuguegarao Laoag Aparri | mm. 757. 89 58. 27 58. 32 58. 81 58. 95 60. 16 61. 17 60. 14 61. 35 60. 15 60. 15 63. 38 63. 38 | $\begin{array}{c} mm. \\ -0.67 \\97 \\97 \\53 \\72 \\56 \\67 \\30 \\ +.06 \\ +.11 \\ +.14 \\19 \\06 \\ 0 \\78 \\ +.03 \\ +.42 \\ +.28 \\ +.57 \end{array}$ | $\begin{array}{c} mm. \\ -1.28 \\ -1.02 \\ -1.17 \\92 \\ -1.27 \\ -1 \\ -1.23 \\ -1.27 \\ -1.23 \\ -1.23 \\ -1.03 \\53 \\ +.02 \\59 \\87 \\59 \\ +.80 \\ +1.08 \\ \end{array}$ | mm. 759. 12 59. 53 59. 68 59. 79 60. 34 60. 91 61. 44 61. 19 62. 32 63. 30 61. 89 63. 64 62. 71 66. 72 66. 72 66. 87 67. 72 | 4<br>11<br>11<br>9<br>9<br>8<br>8<br>9<br>9<br>8<br>9<br>9<br>9<br>9<br>15<br>8<br>8<br>8 | mm.<br>756. 01<br>56. 76<br>56. 70<br>57. 08<br>57. 43<br>57. 40<br>58. 30<br>57. 84<br>58. 84<br>59. 84<br>59. 86<br>59. 77<br>58. 75<br>635. 71<br>61. 31<br>58. 91<br>61. 66 | 25<br>24<br>27<br>25<br>25<br>25<br>25<br>25<br>25<br>25<br>30<br>30<br>30<br>29<br>29<br>29<br>29<br>29 | °C. 25. 8 24. 6 24. 5 25. 8 24. 2 25. 9 24. 2 23. 9 24. 2 23. 8 23. 4 23. 4 23. 1 24. 2 20. 5 22. 9 20. 2   | °C0.36 -1.2 -1 -1.5 -1.6 -1.5 -1.6 -1.5 -1.7 -1.7 -1.7 -1.7 -1.8 | CC1.1 -1.17 -1.4 -1.6 -1.3 -1.2 -1.8 -1.9 -1.7 -1.7 -1.3 -1.7 -2.7 | °C. 32.8 31.4 29.8 30.5 29.4 31 27.9 26.4 30.4 30.4 30.4 31.7 27.6 | 8 8 3 2 2 19 2 2 2 2 2 2 2 2 2 14 19 2 2 9 12 2 5 2 2 2 2 12 | °C. 21. 6 21 21 21 22 20. 9 20. 8 21. 7 20. 5 21. 1 19. 8 19. 3 19. 7 15. 7 16. 6 8. 3 17 14. 8 13 | 7<br>14<br>19<br>26<br>9<br>9<br>9<br>26<br>6<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>23<br>3<br>9,22<br>24<br>10<br>23<br>11<br>11<br>20<br>23<br>24<br>24<br>25<br>26<br>26<br>26<br>26<br>26<br>27<br>28<br>28<br>28<br>28<br>28<br>28<br>28<br>28<br>28<br>28<br>28<br>28<br>28 |

a 30 days of observation.

Rainfall.—Rains have been abundant during the month throughout the Visayas and Mindanao, the southern part of Panay excepted. The monthly total rainfall for the stations situated in those regions were both above that of January, 1917, and above the normal of this month, while in Luzon practically all the stations reported a total amount of rainfall below the normal and below the monthly total of the preceding year. In the rain-gauges of the Central Observatory at Manila only 3.2 mm. of water were collected during the month, an amount which is 23.3 mm. below the normal. In Baguio there were but two days of rain with a total amount of only 2.6 mm. which differs from the normal by -29.8 mm.

b The barometric readings of this station are not reduced to sea level.

In the Eastern Visayas particularly the rains were so extraordinarily heavy that great damage done to the crops has been reported. We invite the attention of our readers to the following rainfall table and particularly to the total monthly rainfall for Borongan and Tacloban, which are above the normal of January by the remarkable amount of 1,556.1 mm. and 1,029.2 mm., respectively.

RAINFALL AT VARIOUS STATIONS OF THE WEATHER BUREAU DURING THE MONTH OF JANUARY, 1918.

| Station.  | Total.  | Departure from<br>Jan., 1917.  | Departure from normal.   | Days of rain.   | Departure from<br>Jan., 1917.  | Greatestrainfall in a single day.   | Day.  | Station.   | Total.   | Departure from<br>Jan., 1917. | Departure from normal.  | Days of rain.  | Departure from Jan., 1917.  | Greatest rainfall in a single day.  | Day.   |
|---|---|--|--|---|--|---|---|--|--|-------------------------------|---|--|---|---|--|
| Jolo Isabela, Basilan Zamboanga Davao Cotabato Cagayan, Misamis Dapitan Butuan Mambajao Dumaguete Yap, W. Carolines Tagbilaran (a) Iwahig Surigao Maasin Cebu Iloilo San Jose Buenavista Cuyo Ormoc Guiuan Tacloban Capiz Borongan Catbalogan Calbayog Masbate Romblon Batag Sorsogon Legaspi | mm. 466. 3 243. 9 143. 2 124. 3 155. 5 209. 8 609. 4 566. 4 1, 056. 9 200. 3 262. 5 201. 8 160. 1 1, 183. 9 774. 4 223. 8 477. 3 25. 8 0 458. 3 1, 788. 8 1, 385. 1 216. 3 2, 191. 4 913. 9 690. 8 381. 5 113. 3 389. 5 | + 91.2<br>+ 61.4<br>- 71.1<br>+ 164.8<br>+ 209.4<br>+ 78.3<br>+ 40.9<br>+ 84<br>+ 44.9<br>- 77.5<br>- 2.8<br>- 2.8<br>- 2.7<br>+ 1,410.6<br>+ 1,017.1<br>+ 71.8<br>+ 1,403.7<br>+ 71.8<br>- 156.9<br>- 156.9<br>- 8.2<br>- 239.5 | + 159.3<br>+ 81.7<br>- 14.4<br>+ 68.8<br>+ 442.9<br>+ 319<br>- + 103.4<br>+ 113.5<br>- + 722.3<br>+ 552.1<br>+ 125.8<br>- 9.9<br>- 9.9<br>- 13.2<br>+ 256.9<br>- + 46.7<br>+ 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,556.1<br>- + 1,566.1<br>- + 1 | 20<br>7<br>18<br>22<br>31<br>28<br>27<br>20<br>29<br>18<br>13<br>30<br>23<br>16<br>10<br>0<br>27<br>30<br>30<br>26<br>31<br>28<br>30<br>29<br>30<br>29<br>30<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>2 | $\begin{array}{c} + \ 3 \\ + \ 4 \\ + \ 8 \\ - \ - \ 1 \\ - \ - \ 1 \\ + \ 2 \\ + \ 7 \\ + \ 1 \\ + \ 3 \\ - \ - \ 1 \\ + \ 1 \\ + \ 2 \\ - \ 1 \\ + \ 2 \\ - \ 2 \\ - \ 8 \\ - \ 5 \\ - \ 5 \\ \end{array}$ | mm.<br>150.6 6 37.3 245.4 56.1 145.7 88.9 229.3 110.9 229.3 15.9 229.3 15.9 229.3 16.6 5.0 229.3 16.6 5.0 229.3 16.0 229.3 16.0 229.3 16.0 229.3 16.0 229.3 16.0 229.3 16.0 22 | 177<br>299<br>166<br>99<br>177<br>288<br>166<br>300<br>88<br>177<br>55<br>77<br>80<br>44<br>115<br>115<br>115<br>115<br>115<br>115<br>115<br>115<br>115 | Calapan Virac Naga Batangas Lucena Atimonan Atimonan Canlubang, Calamba Paracale Santa Cruz, Laguna Manila Antipolo Iba San Isidro Tarlac Baler Dagupan Bolinao Baguio San Fernando, Union Echagüe Candon Vigan Tuguegarao Laoag Aparri Cape Bojeador Santo Domingo, Batanes | mm. 137 195.3 283.3 105.2 3.9 64.8 262.3 30 5.4 615.1 13.2 3.6 0 7.7 0 3.8 2.6 0 0 7.7 0 3.8 2.6 6.6 1 4.5 3.5 126.8 6.4 | - 49.8                        | + 77. 5<br>+ 53. 3<br>- 21. 3<br>- 21. 7<br>+ 28. 9<br>- 23. 3<br>- 6. 2<br>- 15. 6<br>- 236. 8<br>- 11. 1<br>- 6. 6<br>- 29. 8<br>- 8. 7<br>- 25. 3<br>- 5. 6<br>- 7<br>- 25. 1<br>- 1. 1<br>- 1. 1<br>- 70. 1 | 23<br>19<br>20<br>2<br>13<br>26<br>5<br>2<br>28<br>7<br>2<br>2<br>0<br>0<br>0<br>2<br>15<br>0<br>15<br>0<br>15<br>15<br>15<br>15<br>15<br>15<br>15<br>15<br>15<br>15<br>15<br>15<br>15 | $\begin{array}{c} +\ 3 \\ -\ 3 \\ -\ 9 \\ -\ 12 \\ -\ 12 \\ -\ 12 \\ -\ 12 \\ -\ 12 \\ -\ 12 \\ -\ 12 \\ -\ 13 \\ -\ 13 \\ -\ 14 \\ -\ 14 \\ -\ 15 \\ -\ 14 \\ -\ 15 \\ -\$ | 47<br>58<br>29<br>3.6<br>16.3<br>52<br>2.4<br>4.6<br>139.2<br>5.6<br>2.2<br>2.6<br>0<br>0<br>7.4<br>0<br>2.5<br>2.3<br>0<br>0<br>1.1<br>2.5<br>1.6<br>2.6<br>1.6<br>1.6<br>1.6<br>1.6<br>1.6<br>1.6<br>1.6<br>1 | 22<br>7<br>1<br>14<br>13<br>13<br>13<br>13<br>12<br>13<br>12<br>13<br>10<br>0<br>0<br>0<br>13<br>2<br>0<br>0<br>13<br>13<br>13<br>13<br>13<br>13<br>13<br>13<br>13<br>13<br>13<br>13<br>13 |

a 30 days of observation.

#### DEPRESSIONS AND TYPHOONS.

Prescinding from those depressions which we call continental depressions or which are formed in higher latitudes, there was no depression or typhoon during the month in the Far East at least near the Philippines. We may mention only a little depression which appeared in our weather maps east of the northern Loochoos at noon of the 13th and north of the Bonins in the morning of the 14th.

#### NOTAS GENERALES DEL TIEMPO.

Presión y temperatura.—A excepción de unas cuantas estaciones de la parte N de Luzón, la presión atmosférica media de este mes es algo menor que la normal de enero. Las presiones más altas del mes se observaron generalmente el día 8 ó 9, y las más bajas los días 25, 29 ó 30.

La temperatura media mensual es notablemente menor que la del año pasado y menor que la normal de este mes, siendo mayores las diferencias en el N de Luzón. Las temperaturas máxima y mínima absolutas de Manila fueron 30.4° C. y 15.7° C. observadas los días 14 y 23, respectivamente. Las temperaturas extremas de Baguio fueron 24.1° C., 8.3° C. en la cumbre del Mirador, y 24.1° C., 8.1° C. en el valle.

Precipitación acuosa.—Las lluvias han sido abundantes durante el mes en todo Visayas y Mindanao, excepción hecha de la parte meridional de Panay. La lluvia total del mes en las estaciones situadas en dichas regiones fué mayor que la de enero de 1917, y que la normal de este mes, al paso que en Luzón prácticamente todas las estaciones registraron una cantidad total de lluvia menor que la normal y menor también que la cantidad mensual del año pasado. En los pluviómetros del Observatorio Central de Manila sólo se recogieron 3.2 mm. de agua durante el mes, cantidad que es 23.3 mm. menor que la normal. En Baguio no hubo más que dos días de lluvia con una cantidad total de solos 2.6 mm., que difiere de la normal en —29.8 mm.

En las Visayas orientales en especial las lluvias han sido tan extraordinariamente copiosas que, según informes, han causado considerables daños a las cosechas. Invitamos la atención de nuestros lectores al cuadro de lluvias que va en el texto inglés, y particularmente a las lluvias totales de Borongan y de Tacloban que fueron mayores que la normal de enero en cantidades tan notables como 1,556.1 mm. y 1,029.2 mm., respectivamente.

#### DEPRESIONES Y TIFONES.

Prescindiendo de las depresiones que llamamos continentales o que se forman en altas latitudes, no hubo depresión o tifón durante este mes en el Extremo Oriente por lo menos cerca de Filipinas. Sólo mencionaremos una pequeña depresión que apareció en nuestro mapa del tiempo al E del norte de Loochoos a mediodía del 13, y al N de Bonins la mañana del 14.

#### METEOROLOGICAL DATA FOR MANILA CENTRAL OBSERVATORY.

[ $\phi=14^{\circ}$  84' 41" N;  $\lambda=120^{\circ}$  58' 33" E; barometer above sea, 14.2 meters; gravity correction not applied, -1.72 mm.]

|                            |  | Air t   | empera   | ture. b   |   | Und  | ergrou   | nd temp   | erature   | •  |   |   | Rad   | liation.   | Evapo   | ration.   |
|----------------------------|--|---|--|---|---|--|--|---|---|--|---|---|---|--|---|---|
| Day.                       | Pressure (mean).   | Mean.   | Maxi-  | Mini-   | 0.25 r  | neter.   | 0. 50 1  | meter.  | 1.50<br>meters.   | 2.50<br>meters.  | ity   | Vapor<br>pres-<br>sure<br>(mean).   | Mini-<br>mum<br>on  |  | posure  | Shelte  |
|                            |  |   |  |   | 8 a.m.  | 2 p.m.   | 8a.m.  | 2 p. m.   | 8 a. m.   | 8 a. m.  | (mean).   |   | grass.  |  | (to-<br>tal).   | (5000)  |
| 1                          | 60. 61<br>60. 72<br>61. 04<br>60. 88<br>61. 17<br>61. 12<br>62. 21<br>62. 71<br>61. 62. 71<br>61. 60. 54<br>60. 54<br>60. 54<br>60. 87<br>60. 87<br>60. 87<br>60. 87 | °C. 23. 4 24. 2 23. 7 23. 8 23. 5 22. 8 21. 7 22. 9 23. 8 23. 2 22. 5 22. 6 24. 5               | °C. 28. 29. 4 30 29 27. 7 28. 5 29. 7 28 27. 9 27. 6 30. 4 29. 1 26. 3 29 28. 9 29. 1 30     | °C. 18.8 20.4 19.6 20.2 20.9 21 20.4 19.3 17.4 17.2 18.8 20 21.1 20.4 18.8 18.9 18.9 18.2 | °C. 6<br>25. 9<br>25. 8<br>26. 3<br>25. 9<br>25. 7<br>24. 5<br>25. 5<br>25. 3<br>25. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3 | °C. 26. 8 27. 1 27 26. 9 26. 7 26. 3 26. 1 26. 5 26. 5 26. 5 26. 5 26. 5 26. 5 26. 5 26. 7 | °C.<br>27<br>27. 1<br>27. 1<br>27. 2<br>26. 9<br>26. 5<br>26. 5 | °C.<br>27. 2<br>27. 2<br>27. 3<br>27. 3<br>27. 3<br>27. 2<br>27. 1<br>26. 9<br>26. 6<br>26. 6<br>26. 8<br>26. 8<br>26. 5<br>26. 5<br>26. 5  | 28. 1<br>28. 27. 9<br>27. 9<br>27. 9<br>27. 8<br>27. 8<br>27. 8<br>27. 6<br>27. 6<br>27. 5<br>27. 4<br>27. 4<br>27. 4 | °C. 7. 7. 27. 7. 27. 7. 27. 7. 27. 7. 27. 7. 27. 6. 27. 5. 27. 5. 27. 5. 27. 5. 27. 5. 27. 6. | Per ct. 81. 8 83. 4 81. 8 82. 1 80. 5 76. 8 73. 1 69 71. 9 73 77. 6 87. 4 77. 6 80. 3 75. 5 79. 9 80. 2 74. 1 | mm. 17. 4 18. 5 17. 6 17. 9 17. 5 16. 3 15. 8 13. 9 13. 8 16 18. 1 18. 5 17. 1 16. 2 15. 9 15 16. 1 17. 7 16. 6 | °C.<br>16.8<br>18.2<br>16.8<br>17.6<br>18.6<br>18.8<br>16.4<br>15.2<br>14.1<br>16.3<br>16.3<br>16.3<br>16.2<br>14.7 | °C. 44. 8 50 53. 5 42. 7 43 50. 4 49. 5 52. 5 48 47 42. 5 54. 9 45. 9 50. 5 53. 5 53. 5 53. 5 54. 7. 8 54. 5 | mm. 2.6 2.7 3 2.4 2.2 3 4.1 5.5 4.1 4.7 9 1 2.8 3.5 2.1 2.9 3.3 3.4 5.3 | mm. 1.9 1.7 2.1 1.6 2.7 3.2 3.8 3.2 1.2 1.2 2.5 1.6 2.2 3.3 3.2 3.2 3.2 3.3 3.4 |
| 21                         | 60.70<br>61.38<br>60.77<br>59.83<br>59.46<br>60.34<br>60.18<br>59.73<br>59.54<br>59.44   | 22. 9<br>21. 5<br>22. 1<br>22. 5<br>23. 4<br>23. 3<br>22. 8<br>22. 9<br>22. 6<br>23. 2<br>23. 7 | 27. 5<br>28. 7<br>28. 6<br>28. 6<br>29<br>28. 7<br>27. 9<br>27. 8<br>28. 7<br>28. 1<br>27. 4 | 18. 4<br>16. 7<br>15. 7<br>18<br>19. 3<br>20. 1<br>18. 5<br>19. 7<br>18. 6<br>17. 6       | 25. 5<br>24. 5<br>24. 5<br>24. 8<br>24. 8<br>25<br>24. 9<br>25. 1<br>25. 24. 5<br>25. 5   | 26. 5<br>26. 2<br>26. 1<br>26. 1<br>26. 3<br>26. 1<br>26. 3<br>25. 9<br>26. 1<br>26. 2     | 26. 7<br>26. 5<br>26. 3<br>26. 3<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 3   | 26. 7<br>26. 6<br>26. 6<br>26. 4<br>26. 4<br>26. 4<br>26. 5<br>26. 4<br>26. 4<br>26. 4<br>26. 5   | 27.4<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3  | 27. 6<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 3<br>27. 3<br>27. 2<br>27. 2   | 74. 4<br>76. 5<br>72. 4<br>78. 6<br>72. 4<br>71. 5<br>74. 7<br>77<br>78. 1<br>79. 4<br>78. 1                  | 15. 2<br>14. 3<br>13. 8<br>15. 8<br>15. 3<br>15. 2<br>15. 3<br>15. 8<br>16. 6                                   | 15. 2<br>13. 6<br>12. 2<br>15. 2<br>16. 7<br>17. 7<br>15. 5<br>16. 7<br>15. 8<br>14. 2                              | 46.8<br>50.5<br>52.2<br>50<br>47.2<br>49.2<br>44.5<br>52.7<br>46.5<br>50<br>44.7   | 3.2<br>3.7<br>4.3<br>2.9<br>4.8<br>3.3<br>4.1<br>3.4<br>3.5<br>2.9      | 2.4<br>2.4<br>2.8<br>2.4<br>2.8<br>2.4<br>2.8<br>2.5<br>2.3<br>2.2              |
| Mean<br>Total              |  | 23. 1   | 28.5   | 19. 1   | 25. 3   | 26. 4  | 26. 6  | 26. 7   | 27. 6   | 27.5   | 77.5  | 16.1  | 16.5  | 48.3   | 3.3<br>101.7  | 2. 3<br>72. 3   |
| Departure from             |  | ————<br>—1. 7   | ——————————————————————————————————————   | -1.3  |   |  |  |   |   |  | ———<br>—0. 6  | ————<br>—2  |   |  |   |   |
|                            |  |   | Wind.  |   |   |  |  | Clo   | uds.  |  |   |   | 24 ho   |  |   |   |
| Day.                       | Prevailin<br>direction   | g mo  | otal h   | our-<br>ly  | irection<br>the time<br>of the<br>naximu  | me in  | (mean).  | Form a  | and direc   | ction.   | Sun-<br>shine.  | On the  | ne In   |  | Iiscellai   | neous.  |
| 1                          | N NNE, WSV NE Quad N, SW NE, ENI NE quad NW quad SW. W Quad W quad W quad  | W 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | m.   7   1   1   1   1   1   1   1   1   1   | (m. 13.5 13.5 13.5 12.1 12.1 12.1 12.1 13.5 14.1 14.1 14.1 14.1 14.1 14.1 14.1 14         | WNWWSWWSWWSWWSWWSWWSWWSWWSWWSWWSWWSWWSWNESW, WSWSWWSWWSWWSWWWNWWNWSWWSWWNWWNWWNWWNWWN   | 4 5 5 9 9 9 9 8 8 5 7 7 6 6 7 7 9 9 7 7 7 5 5 5 4 4 6 6 8 9 9 7 7 7 10                     | .8 A   | Cu. EN. Cu. SK, E. Cu. SK. Cu. SS. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu | Cu. Cu. Cu. Cu. E SC SC SC Cu. E Cu. E Cu. E Cu. SC Cu. Cu. SE Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu.                | ENE Ebyn Ebyn E ENE ENE ENE ENE ENE ENE ENE ENE ENE  | 7 50<br>7 44<br>5 10<br>6 40<br>3 05<br>5 05<br>0 40<br>1 16<br>2 10<br>3 20<br>3 25<br>0 00                  |   | 2   | 2.3 1 d d d d d d d d d d d d d d d d d d  | ° p.<br>p.<br>a.<br>° p.  |   |
| Mean<br>Total<br>Departure |  |   | 29. 4 1<br>011. 5  | 3.7   |   | 7.   | 5  |   |   |  | 3 46<br>116 35  |   | 2   | 3.3  |   |   |
|                            |  |   |  | _   |   |  |  |   |   |  |   |   |   |  |   |   |

a All the mean values given in this table are deduced from hourly observations.
 b These values are taken from instruments mounted in the Observatory Park, 1.5 meters above ground.

#### METEOROLOGICAL DATA FOR MIRADOR OBSERVATORY, BAGUIO.ª

[ $\phi$ =16° 25′ N;  $\lambda$ =120° 86′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, -1.65 mm.]

|       |  |  |   | erature<br>o of the   |  |  |  | mperatu<br>near the   |   |  |   |  | Ra  | diation.   | Evapo                            | ration                 |
|-------|--|--|---|---|--|--|--|---|---|--|---|--|---|--|----------------------------------|------------------------|
| Day.  | Pres-<br>sure b<br>(mean).   | Mean.  | Maxi-<br>mum.   | Hour.   | Mini-<br>mum.  | Hour.  | Maxi-<br>mum.  | Hour.   | Mini-<br>mum.   | Hour.  | Rela-<br>tive<br>humid-<br>ity<br>(mean)  | Vapo<br>pres<br>sure<br>(mean  | Min   | m Black  | Free<br>ex-<br>posure<br>(total) | Shel-<br>ter<br>(total |
| 1     | 36. 76<br>37. 17<br>36. 73<br>37. 16<br>36. 49<br>36. 10<br>36. 42<br>36. 27<br>35. 93<br>35. 71<br>35. 92 | *C. 16.2 15.6 15.7 15.6 15.3 14 14.9 12.8 15.4 15.2 15.8 15.1 14.5 15.1 16.6 13.7 15.1 16.6 13.7 14.1 14.3 14.5 14.1 | 21. 4<br>21. 5<br>21. 6<br>21. 6<br>21. 6<br>19. 2<br>20. 8<br>21. 6<br>20. 3<br>22. 5<br>24. 1<br>21. 3<br>23. 4<br>20. 8<br>20. 9<br>21. 8<br>20. 1<br>21. 3<br>22. 6<br>20. 7<br>19. 9<br>20. 7<br>19. 9<br>20. 7<br>19. 9<br>20. 6<br>20. 7<br>20. 6<br>20. 6<br>20. 7<br>20. 6<br>20. 6<br>20. 7<br>20. 6<br>20. 7<br>20. 6<br>20. 7<br>20. 6<br>20. 7<br>20. 7 | 11. 35a. 0. 15p. 2. 30p. Noon 11. 00a. 1. 10p. 11. 35a. 0. 30p. 0. 25p. 0. 20p. 11. 20a. 11. 00a. 11. 35a. 1. 00p. 0. 55p. 9. 55a. 0. 05p. 11. 20a. 1. 35p. 11. 40a. 1. 00p. 0. 40p. 0. 30p. 11. 10a. 10. 10a. 1. 35p. 11. 40a. 1. 00p. 0. 30p. 11. 10a. 10. 30p. 11. 10a. 10. 10a. 10. 10a. 10. 10a. 10. 10a. 10. 10a. 10. 10a. 10. 10a. 10. 10a. 10. 10a. 10. 10a. 10. 10a.   | 8. 4<br>8. 3<br>10. 4<br>13. 2<br>12. 9<br>11. 6<br>11<br>10. 1<br>10. 1<br>10. 1<br>10. 1<br>10. 1<br>9<br>9<br>9<br>9. 9<br>10. 8<br>10. 3<br>11. 1<br>10. 9 | 0, 05a. 12m. n. 12m. n. 3, 30a. 6, 40a. 12m. n. 12m. n. 12m. n. 12m. n. 12m. n. 12m. n. 14, 30a. 4, 40a. 4, 10a. 12m. n. 6, 10a. 2, 35a. 1, 30a. 12m. n. 6, 45a. 6, 40a. 4, 30a. 1, 30a. | 21. 5<br>23<br>22. 4<br>20. 5<br>20. 9<br>23. 5<br>22. 5<br>21. 1<br>21. 7<br>21. 4<br>21. 1<br>21. 6  | 0. 50p. 0. 20p. 1. 05p. 1. 35p. 1. 35p. 1. 40p. 0. 05p. 11. 00a. 1. 05p. 1. 25p. 11. 20a. 10. 00a. 11. 30a. 2. 30p. 0. 20p. 11. 30a. 2. 10p. 11. 30a. 11. 30a. 11. 30a. 11. 30a. 11. 30a. 11. 30a. 11. 30a. 11. 30a. 11. 30a. 11. 30a. 11. 30a. 11. 30a. 11. 30a. 11. 30a. 11. 30a. 11. 30a. 11. 30a. 11. 30a. 11. 11. 11. 11. 11a. | *C. 12.4 13.22 11.6 10.6 12.3 10.7 9 8.1 7.9 11 12.3 12.7 12. 10.9 10.2 10.3 9.7 12.8 9.4 8.7 9.6 10 9.9 11 10.8 10.8 10 11.3 | 0. 05a. 12m. n. 12m. n. 15. 05a. 11. 25p. 1. 05a. 11. 25p. 1. 05a. 12m. n. 6. 40a. 1. 30a. 6. 00a. 3. 20a. 12m. n. 5. 00a. 12m. n. 5. 00a. 12m. n. 6. 25a. 2. 20a. 20a | Per ct. 81. 7 92. 3 77. 58. 5 81. 7 78. 5 81. 7 78. 5 81. 1 84 73. 2 89. 5 82. 2 89. 5 82. 2 80. 2 86. 8 83 75. 3 75. 7 77. 7 77. 7 78. 2 84. 7 89. 7 82. 2 | mm   11.1   12.2   10   10.1   10.1   10.1   10.1   10.1   10.1   11.1   11.1   10.1   11.1   10.1   11.1   10.1 | 2   9, 13, 14, 10, 11, 10, 11, 10, 11, 10, 11, 11, 10, 11, 11 | 9   51.7   53.2   2   56.2   2   56.2   3   51.1   4   53.8   9   54.2   53   50.8   9   54.2   53   50.8   9   54.2   53   50.8   9   57.1   5.5   53.6   6.5   52.9   57.1   5.5   53.6   6.5   52.9   54.2   53   50.8   6.5   52.9   57.1   5.5   53.6   6.5   52.9   54.2   53   54.7   7.1   49.3   54.9   2   58.2   54.8   5 | mm. 2                            | mm.   1.3              |
| Mean  | 36. 57<br>636. 97  | 14.7   | 20 21.3   | 0.40p.  | 12.4   | 12m. n.  | 20.1   | 0.55p.  | 12.5  | 12m. n.  | 76. 7<br>80. 5  | 9.   |   | 9 52.4   | 3.8                              | 2.8                    |
| Total |  |  |   |   |  |  |  |   |   |  |   |  |   |  | 116.6                            | 66. 7                  |
|       |  | 1  | Wind  | i.<br>Maxi-   | D  |  |  |   | uds.  | natio=   |   |  | Rain, 24  |  |                                  |                        |
| Day.  | Prevail<br>direction   | on d   | Total<br>move-<br>ment.   | mum<br>hour-  | Directi<br>at the ti<br>of the<br>maximi<br>velocit  | me nou   | (mean)   | Upper.  |   | Lower.   |   | Sun-<br>hine.  | hours<br>begin-<br>ning<br>6 a. m.                            | Misc   | ellaneo                          | us.                    |
| 1     | E<br>E GEEREREEREREEREREEREREEREREEREEREEREEREE  | w  | 304. 8<br>253. 7<br>500. 3<br>368. 9<br>368. 8<br>405. 2<br>540. 7<br>615<br>571. 7<br>357. 3<br>207. 7<br>389. 3<br>396. 8<br>188. 9<br>294. 5<br>318. 9<br>273. 6<br>373. 1<br>473<br>315. 8<br>374. 5<br>501. 9<br>491. 4<br>289. 3<br>260. 2<br>274. 5<br>327. 8<br>326. 7  | Km.<br>20.4<br>16.1<br>31.1<br>22.3<br>23<br>26<br>34.1<br>36.2<br>23.6<br>23.6<br>23.6<br>23.6<br>23.6<br>13.7<br>25.7<br>24.7<br>17.1<br>18.8<br>19.8<br>20.7<br>22.7<br>7<br>21.5<br>9<br>30.1<br>25.9<br>27.9<br>28.7<br>21.5<br>29.9<br>30.1<br>20.9<br>30.1<br>20.9<br>30.1<br>20.9<br>30.1<br>20.9<br>30.1<br>20.9<br>30.1<br>20.9<br>30.1<br>20.9<br>30.1<br>20.9<br>30.1<br>20.9<br>30.1<br>20.9<br>30.1<br>20.9<br>30.1<br>20.9<br>30.1<br>20.9<br>30.1<br>30.1<br>30.1<br>30.1<br>30.1<br>30.1<br>30.1<br>30.1 | еУееееебееесбе≯еевеуеебеее   | 0-10<br>8.<br>7.<br>2.<br>4.<br>5.<br>8.<br>3.<br>1.<br>4.<br>9.<br>3.<br>3.<br>4.<br>4.<br>9.<br>3.<br>4.<br>4.<br>9.<br>3.<br>4.<br>4.<br>9.<br>4.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.<br>1.   | 1 Ci., 1 Ci., 2 Ci., 4 AC. 3 Ci., 6 Ci., 7 Ci., 6 Ci., 6 Ci., 7 Ci., 6 Ci., 7 Ci., 6 Ci., 7 | CiS. WS Cu. ES Cu. E, ES S. WS S. S S. S S. S Cu.   | Gu Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu   | N. I S S S S S S S .   | SSE SSE SSE SSE SSE SSE SSE SSE SSE SSE   | h. m. 3 3 55 3 45 5 50 1 30 7 7 25 5 50 2 50 3 1 10 3 10 5 5 50 5 5 50 6 6 50 5 5 50 6 6 50 6 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8  | mm.<br>0.3<br>2.3   |  | ● p. p. ○ p. a. p.               |                        |
| Mean  |  |  | 386.8   | 24.6  |  | 5  | _  |   |   |  |   | 4 50   |   |  |                                  |                        |
| Total |  | 1  | 1,990.2   |   |  |  |  |   |   |  | 15  | 0 05   | 2.6   |  |                                  |                        |

<sup>&</sup>lt;sup>a</sup> All the mean values given in this table are deduced from six daily observations taken at 2, 6, 10 a. m. and 2, 6, 10 p. m.
<sup>b</sup> The barometric readings of this station are not reduced to sea level.
<sup>c</sup> Maximum of hourly observations taken from 6 a. m. to 6 p. m.
<sup>d</sup> This element is based on hourly observations taken from a quadruple register, which gives only eight possible directions of the wind.

#### DAILY RAINFALL AT THE STATIONS OF THE WEATHER BUREAU, JANUARY, 1918.

| Station,   |                |               |                |               |                |                |                | Day of       | f mont          | h.             |                 |               |               |                |             |             |
|--|----------------|---------------|----------------|---------------|----------------|----------------|----------------|--------------|-----------------|----------------|-----------------|---------------|---------------|----------------|-------------|-------------|
| Station.   | 1.             | 2.            | 3.             | 4.            | 5.             | 6.             | 7.             | 8.           | 9.              | 10.            | 11.             | 12.           | 13.           | 14.            | 15.         | 16.         |
| ·  | mm.            | mm.           | mm.            | mm.           |                | mm.            | mm.            | mm.          | mm.             | mm.            | mm.             | mm.           | mm.           | mm.            | mm.         | mm          |
| Jolosabela, Basilan                                |                |               | 20.6           | 18.5          | 33.3           | 0.3            | 0.5            |              |                 | 1.5            | 0.8             | 2.5           | j             |                | 2.8         | 18.         |
| Basilan Plantation, Isabela (Ba-                   |                |               | 13.5           | 21.5          | .5             |                |                | 0.8          |                 |                | 24.1            |               |               | 4.3            | 3.8         | 9.          |
| silan)a  |                |               | 25. 2          | 37.1          | 3.8            |                |                |              |                 | 18.3           |                 |               |               | 4.9            | 3.8         | 12.         |
| Zamboanga<br>Davao                                 |                |               | 2.8            | 5.6           | 1.8            |                |                | 1.3          |                 |                | 13.5            | 5-5-          |               | 22.4           | 1.6         | 32          |
| Cotabato   |                | 2.5           | 1.8            | 4.3           | 16.8           | .3             |                | 17<br>5.1    | 45.4<br>6.4     |                | 5.3             | 8. 9<br>1. 3  |               | .8             | 1.3         | 3.          |
| Cagayan, Misamis                                   |                | 6.1           |                | 7.4           | 5.1            | 2.5            |                | 7.4          | 45              | 6.9            | 5.1             | 1.0           | 5.1           | 2.3            | 1.0         | 19.         |
| Dapitan  |                | 27.4          | 65.8           | 31.7          | 40.7           | 4.1            | 5.7            | 10.9         | 40.1            | 9              | 4.9             | .9            | 6.1           | 19.8           | 1.8         | 27.         |
| Butuan<br>Mambajao                                 |                | 3<br>14.2     | 7.1<br>11.7    | 16.3<br>21.8  | 1.6<br>14.5    | 2.8<br>2.5     | 2.5            | 17.5<br>19.3 | 103. 2<br>85. 1 | 3. 9<br>70. 3  | 42. 4<br>31. 5  | . 5<br>12. 4  | 8. 4<br>62. 2 | 1.8            | 1<br>8.9    | 62.<br>104. |
| Dumaguete  |                | 12.2          | 1              | 14.5          | 20.8           | 1              | 2              | 19. 3        | 00. 1           | 2.8            | 2               | 12.4          | 1.3           | . 9            | 0. 9        | 35.         |
| Yap, Western Carolines                             | 13             |               | 26.7           | 8.4           | 1.3            | .3             |                | 33.3         | 5.6             | 5.1            | 14.3            | 2.5           | 12            | 9.7            | 2.8         |             |
| lagbilaran   |                | 8.4           | 21.5<br>14.7   | 9.4<br>24.1   | 11. 2<br>86. 6 | 5. 3           | 2.8            |              | 4.3             | 5, 2           |                 | 1.3           | 2.5           | 2.3            |             | 2.          |
| Surigao  | 8.9            | 3.3           | 21.6           | 15            | 87.6           | 3.1            | 153. 9         | 81.8         | 52.4            | 36.8           | 95.6            | 23.8          | 14.7          | 47. 2          | 14.2        | 90.         |
| Maasin   |                | 15            | 17.3           |               | 65             | 8.1            | 47.5           | 7.9          | 12.2            | 67.8           | 24.1            | 14            | 33            | 6.6            |             | 37.         |
| Cebu   |                | 27.7          |                | 1.8<br>2.1    |                | 8.9            | .8             |              |                 | . 5            |                 | 1.5           | 7. 9          | 55. 1          |             | 1           |
| San Jose Buenavista                                |                | 1             | 4.6<br>6.1     | 5.3           | .6             | 3.3            | 10.4           |              |                 |                |                 | 8.1           |               | 10.9           | .8          |             |
| Cuyo   | ļ              |               |                |               |                |                |                |              |                 |                |                 |               |               |                |             |             |
| Lucena, Iloiloª<br>Ormoc                           |                | 2.5           | .8             | 4.8           | 3.3            | 7.6            | 7.1            |              |                 | 17 0           |                 | 5.3           | 10.4          | 7.7            | 2.5         |             |
| Jrmoc<br>Juiuan                                    |                | 9. 1<br>34    | 6.9<br>70.9    | 1.6<br>57.1   | 29.7<br>256    | 30. 2<br>54. 4 | 70.7<br>126.7  | 19. 1        | 16.5            | 17. 2<br>28. 2 | 11. 9<br>168. 9 | 9. 1<br>24. 2 | 10.4<br>12.4  | 12.2<br>30     | 20<br>57. 6 | 4.<br>15.   |
| Dueñas, Iloiloa                                    | 10.6           | 2             | 4.1            | 3.8           | 3.8            | 6.1            | 4. 1           | 1.3          |                 |                |                 | 5.1           | 4             | 4.8            | 4.3         | 10.         |
| Bitaogan, Iloilo (Railroad Iloilo                  | 01 -           |               |                | l             |                |                | ĺ              |              |                 |                |                 |               | 10 -          |                |             |             |
| to Capiz)a   | 31. 7          | 1.3           | 35             | 10.2          | 8.6            | 20.6           | 26. 9          | 3.6          |                 | 1              | 7.8             | 4.8           | 16.5          | 15             | 8.9         | 4.          |
| Capiz)a  | 1.8            | .3            | 5.1            | 2.8           | .3             | 3.8            | 11.2           |              |                 |                |                 |               |               | 10.9           | 1           |             |
| lacloban   | 28.7           | 2.8           | 87.1           | 40.9          | 105. 1         | 98.8           | 192.8          | 2.8          | . 9             | 69.6           | 74.4            | 25.5          | 25. 2         | 30.4           | 77.1        | 4.          |
| Dumarao, Capiz<br>Dao, Capiz a                     | 30. 5<br>15. 2 | 8.4           | 7.6<br>21.4    | 38.1<br>18.5  |                | 10. 4<br>28. 7 | 25. 4<br>28. 2 | 15.2         | 5.6             | 5. 1           | 8.9<br>7.9      | 5.1<br>15.8   | 17.8<br>4.9   | 30. 5<br>13. 4 | 20.8<br>11  | 3.          |
| Dao, Capiz   | 21.4           | 4.6           | 21.4           | 7.4           | 1.3            | 26.4           | 28. 2<br>5. 3  | 1.3          |                 | 4.6            | 3.8             | 2.6           | 4. 3          | 13. 4<br>26. 7 | 7.4         | 1.          |
| Borongan   | 44.2           | 56. 9         | 134.7          | 229.3         | 167.4          | 86.3           | 121. 7         | 8.1          | 37. 4           | 53.3           | 102. 9          | 90            | 20.4          | 42.1           | 159         | 16          |
| Catbalogan   | 1.8            | 4.8           | 76.2           | 71.2          | 62.8           | 20.8           | 67.8           | <u>-</u> -   |                 | 24.9           | 20.6            | 34.6          | 12            |                | 148.6       | 12          |
| albayog  | 13.9<br>64.3   | 1.3           | 77. 6<br>59. 7 | 54. 3<br>6. 4 | 20.3           | 35<br>16.5     | 45.7<br>8.1    | .5           | .5              | 5. 5<br>6. 1   | 2.6<br>43       | 69. 8<br>7. 6 | 7.8           | 32.9<br>16     | 99<br>11.7  | 3.<br>1     |
| an Jose Estate, J. Abello D-13,                    | 01.0           | 1.0           | 00. 1          | 0.1           |                | 10.0           | 0.1            |              |                 | 0.1            | 10              |               | 0.0           | 10             | 1           |             |
| Mindoro a  |                |               |                |               |                |                |                |              |                 |                |                 |               |               |                |             |             |
| San Jose Estate, Tamaraw Plan-<br>tation, Mindoros | 1              |               | 1              | 1             | 1              | ł              |                |              |                 |                |                 |               |               |                |             |             |
| an Jose Estate, San Agustin,                       |                |               |                |               |                |                |                |              |                 |                |                 |               |               |                |             |             |
| Mindoro a  |                |               |                |               |                |                |                |              |                 |                |                 |               |               |                | :           |             |
| an Jose, Mindoros                                  |                |               |                |               |                |                |                |              |                 |                |                 |               |               | .8             |             |             |
| San Jose Estate, Tunnel D-12,<br>Mindoro           |                |               |                | 1             |                |                |                |              |                 |                |                 |               |               |                | ll          |             |
| Romblon  | 9.6            | 12.4          |                | 1.9           |                | 2.8            | 1.8            |              |                 | 3.6            | 8. 1            | 27.4          | 1             | 15             | 4.8         |             |
| Batag  |                | 21.6          |                | 67.3          | 1.5            | 52             | 17.8           | 5.1          | 6.3             | 12.7           | 9. 9            | 48.8<br>33.5  | 50.1<br>43.2  | 18.3<br>91.2   | 36<br>65. 1 | 6.          |
| Sorsogon<br>Legaspi                                |                | 24. 9<br>5. 3 | 66.5           | 53.3<br>55.6  | 25.2<br>1      | 49<br>1.3      | 42. 9<br>6. 6  | 5. 6<br>2. 5 | 18. 1           | 17.5<br>6.1    | 12, 2           | 31.3          | 20.6          | 22.3           |             | 25.         |
| Sumay, Guam  | 14             | 12.7          |                | 1.3           |                | 2              | 1.5            |              |                 |                | 5.3             | .8            | .8            | .8             |             |             |
| Calapan  | 1<br>58        | 15 0          | 26.2           | 1 1           | 9.4            | 16             | 47             |              | 25.4            | 22.9<br>1.3    | 2.8<br>5.6      | .3<br>7.9     | 30. 2         | 1.5<br>4.1     | 2.3         |             |
| Vaga   |                | 15. 2<br>17   | 3.3            | 53.1<br>8.2   | .3             |                |                | 5.3          |                 | 1. 0           | 5. 6            | 8             | 2.3           | 29             |             |             |
| Batangas   |                | .3            |                |               |                |                |                |              |                 |                |                 |               | 3.6           |                |             |             |
| Lucena   | 30.7           |               | 1.5            | 7.2           | .8             | 2.5            | 10.2<br>11.2   | 3            | 3<br>5.3        |                | 8.9             | 3<br>17. 7    | 16.3<br>52    | 4.8<br>18.1    | 1.8         |             |
| Atimonan<br>Ambulong, Tanauan                      | 30.7           | 3.8           | 14.7           | 14.9<br>12.2  | 2.5            | 10.2           | 11. 2          | 14.7         | 5.3             | 4.8            | 15<br>2. 5      | 3.6           | 10.9          | 18. 1          | 1.8         |             |
| Canlubang, Calamba                                 |                |               |                |               |                |                |                |              |                 |                |                 | .8            | 4.6           |                |             |             |
| Paracale   |                | 12.4          |                | 29.5          | 4.6            |                | 11.7           | 15. 7        | 2.3             | 2.3            |                 | 139. 2        | 63.5          | 22.1           |             |             |
| Santa Cruz, Laguna<br>Fort Mills, Corregidor       |                |               | .5             | 1.8           | .8             |                |                |              |                 |                | 2.8             | 4.8<br>2      | 5. 6<br>1. 3  |                |             |             |
| Mabang, Rizala                                     |                |               |                | 1.0           |                |                |                |              |                 |                |                 | <del>-</del>  |               |                |             |             |
| amao, Bataana                                      |                |               |                |               |                |                |                |              |                 |                |                 |               |               |                |             |             |
| Ianila<br>Antipolo                                 |                |               |                |               |                |                |                |              |                 |                |                 | 2.2<br>1      | 1<br>2.6      |                |             |             |
| Bosoboso, Rizala                                   |                |               |                |               |                |                |                |              |                 |                |                 |               | 2.0           |                |             |             |
| Iontalban, Rizala                                  |                |               |                |               |                |                |                |              |                 |                |                 | 4.3           | . 3           |                |             |             |
| Iacienda Pintong Sapang, Santa<br>Maria, Bulacana  |                | 1             |                |               |                |                |                |              |                 |                |                 | 3             | .3            |                |             |             |
| Jabayuan Dam, Olongapo, Zam-                       | 1              |               |                |               |                | ;              |                |              |                 |                |                 |               | ٠.            |                |             |             |
| balesa   |                |               |                |               |                |                |                |              |                 |                |                 |               |               |                |             |             |
| baan Isidro  |                |               |                |               |                | ·              |                |              |                 |                |                 |               |               |                |             |             |
| łacienda Luisita, San Miguel.                      | -              | 1             |                | i             | i              |                |                |              |                 |                |                 |               |               |                |             |             |
| Tarlac a   |                |               |                |               |                |                |                |              |                 |                |                 |               | .3            |                |             |             |
| Hacienda Luisita, Luisita, Tar-<br>laca            |                | 1             | 1              | 1             | 1              | 1              |                |              | i i             |                |                 |               |               |                |             |             |
| 'arlac   |                |               | 1              |               | l              |                |                | 1            |                 |                |                 |               |               |                |             |             |
| laler .  |                |               |                | i             |                |                |                |              |                 |                | l <b>-</b>      |               | .3            |                |             |             |
| Paniqui. Tarlaca                                   |                | 2.3           | l              |               |                |                |                |              |                 |                |                 |               | 3.6           |                |             |             |
| Dagupan  |                |               |                |               |                |                |                | •            |                 |                |                 |               |               |                |             |             |
| Province   |                |               |                |               |                |                |                |              |                 |                |                 |               |               |                |             |             |
| Bolinao  | .3             |               |                | l             |                |                |                |              |                 |                |                 | 1             | 2.5           |                |             |             |
| Baguio<br>Ban Fernando, Union                      |                | 2.3           |                |               |                |                |                |              |                 |                |                 |               |               |                |             |             |
| Chagüe   | .3             | 2             |                |               | 3.8            | 1.6            | 1.6            |              | 1.5             |                |                 |               | 5.8           |                | !!          |             |
| Sagada, Mountain Provinces                         |                |               | l              |               | !              |                |                |              |                 |                |                 | 4.3           | .3            |                |             |             |
| Bontok, Mountain Provinces<br>Sandon               |                |               |                |               |                |                |                |              |                 |                |                 | J. 0          |               |                |             |             |
| Jillavioja Pilar Ahras                             | ļ              | 1             | 1              | 1             |                | į.             | 1              | 1            | 1               |                |                 |               | 1             |                | !           |             |
| /igan  | 1              | . 1           |                |               | 1              | 1              | 1              | l            |                 |                |                 |               | 1             |                |             |             |
| luguegarao<br>La Paz, Abraa                        | . 1            |               |                | l             |                |                |                | !            |                 |                |                 |               |               |                |             |             |
| _a Paz, Adra                                       |                |               |                |               |                |                |                |              |                 |                |                 |               |               |                |             |             |
|  |                | 19.77         | 7.2            |               |                |                | 7.4            | 5.9          | 4.6             |                |                 | 1.5           | 12.2          | 8.2            | .3          |             |
| Aparri<br>Cape Bojeador                            |                | 13.7          | 1.2            |               |                | 10.2           |                |              |                 |                | 1               |               | 6.4           |                |             | Į.          |

a Voluntary or coöperative station.

<sup>(</sup>b) No observation.

<sup>(</sup>c) Rain, 24 hours beginning 7 a. m.

Daily rainfall at the stations of the Weather Bureau, January, 1918-Continued.

| Station.  |               |             |            |               |             |               |              | Day         | of mon         | tn.            |                    |              |              |                |             |                 |
|---|---------------|-------------|------------|---------------|-------------|---------------|--------------|-------------|----------------|----------------|--------------------|--------------|--------------|----------------|-------------|-----------------|
| Station.  | 17.           | 18.         | 19.        | 20.           | 21.         | 22.           | 23.          | 24.         | 25.            | 26.            | 27.                | 28.          | 29.          | 30.            | 31.         | Tota            |
|   | mm.           | mm.         | mm.        |               | mm.         | mm.           | mm.          | mm.         | mm.            | mm.            | mm.                | mm.          |              | mm.            | mm.         | mm              |
| Jolosabela, Basilan   | 150.6<br>1.8  | 0.8         | 3.3        | 3.3           |             | 6.9           | 8.2          | 3<br>14.2   | 51.6<br>17.5   | 1.3            | 5. 1<br>33         | 59.2<br>16.5 | 60.4<br>37.3 | 7. 6<br>9. 7   | 16.7        | 466.<br>243.    |
| Basilan Plantation, Isabela   |               |             |            |               |             |               |              |             | ĺ              |                |                    | 1            | 1            |                |             |                 |
| (Basilan)a  |               | 1.3         | 10.4       |               | 14.7        | 5.8           | 12.7<br>2.3  | 16<br>2.8   | 25. 7<br>15. 5 | 2.5            | 10.2               | 29.4         | 17.3         | 3.3<br>23.3    | 40.6        | 306.<br>143.    |
| Zamboanga<br>Davao  | . 0           |             |            |               | 3.8         | 1             | 2. 5         | 2.6         | 2.5            |                |                    |              | 42.9         |                |             | 124.            |
| Cotabato  | 6.6           |             |            |               | 56.1        | 15.7          | 16.8         |             | 6.1            |                |                    | 91 6         | 5.3          | 16 5           | 1.3         | 155.<br>209.    |
| Cagayan, Misamis<br>Dapitan   | 6. 1<br>78    | 23.4        | 1.1        | 2.3           | 3.8<br>63.5 | 17<br>23.6    | 17.3<br>5.3  | 34.8        | 6.9            | 2.5<br>1.5     | 3<br>6.4           | 21.6<br>7.1  | 1.3          | 16.5<br>54.6   | .8          | 609.            |
| Butuan  | 4.3           |             | ī          | 6.4           | 11.9        | 42.4          | 8.1          | 9.9         | 29.2           | .8             | 13.5               | 125.2        | 10.4         | 27.5           |             | 565.            |
| Mambajao<br>Dumaguete   | 10.2<br>15    | 3.8         |            |               | 65.3<br>3.3 | 95. 2<br>5. 6 | 23.9         | 49<br>3.6   | 103. 6<br>16   | 72.9           | 57.6<br>17.5       | 24.4         | 9.4          | 2.3<br>41.7    | 16.8        | 1, 056.<br>200. |
| Yap, Western Carolines  | 2.8           | 6.7         | 18.5       | 6.6           | .5          | 5.9           | 4.6          | 7.6         | 15.5           | .5             | 1.8                | 1.3          | 20.6         | 32.3           | 1.5         | 262.            |
| Fagbilaran  | 52            | 42.2        |            | 19            |             | 9.3           |              | 1.3         | 1.7            |                |                    |              |              | 3.8            | 2.3         | 201.<br>160.    |
| wahig<br>Surigao  |               | 1.6         | 8.9        | 3.8<br>25.6   | 59.7        | . 3<br>118. 6 | 20.8         | 120.3       | 14.1           | 8.7            | 5. 4               | 5. 1<br>8. 1 | 9.2          | 22.3           | 1.5         | 1, 183.         |
| Maasin  | 19.8          |             |            |               | 26. 7       | 42.9          | 5.3          | 9.4         | 11.2           | 7.1            | 44.2               |              | 28.7         | 223.5          |             | 774.            |
| Cebu<br>loilo   | 5.9           |             | 1 9        | 4.5           | 2.6         | 13.5          |              | 9. 7        | 7.3            | 3.1            | 9                  |              |              | 59.1<br>2      | 1.9         | 223.<br>47.     |
| San Jose Buenavista   | 1.5           |             | 1.3        | 1             |             |               |              |             |                |                |                    |              |              | .8             |             | 25.             |
| Cuyo  |               |             |            |               |             | ¦             |              |             |                |                |                    |              |              |                | j           | 0<br>55.        |
| Lucena, Iloiloª<br>Ormoc  | 27.7          | 4.1         |            | 1.3           | 1.3         | 3.3           | .3           | 19. 5       | 47.5           | 16.8           | 42.6               |              | .5           | 6.9<br>27.9    | 13.2        | 458.            |
| Guiuan  | 12.7          | 10.9        | 9.9        |               | 25.1        | 70.6          | 24.3         | 6.3         | 22.6           | 77.5           | 82                 |              | 121.4        | 103.6          | 134.9       | 1, 788.         |
| Dueñas, Iloilo<br>Bitaogan, Iloilo (Railroad Iloilo                       | 7.6           |             | 2          | 6.4           |             | .3            |              | 4.3         | 9. 9           | .5             | 1.3                |              |              | 9. 1           |             | 95.             |
| to Capiz).  | 6.6           | 3.3         | 5.1        | 12.7          | .5          |               | 1            | 11.9        | 13             | 4.6            |                    |              |              | 9.4            | 5.8         | 270.            |
| Lapus, Iloilo (Railroad Iloilo to   | 1             | l           |            | 1             | ĺ           |               |              |             | 1              | -              |                    |              | 1            | 00             | 1.0         | EO              |
| Capiz)*   | 7.8           | 16.2        | 4.1        | 7.1           | 8.4         | 7             | 7.4          | 39. 9       | 2.5<br>119.9   | 81. 4          | 90.3               | .8           | .8           | 2.8<br>65      | 1.3<br>69.4 | 53.<br>1, 385.  |
| Dumarao, Capiza   | 2.5           | 2.5         | 5.1        | 3.8           |             |               | 1.3          | 3.8         | 5. 1           | 8.9            | 5. 1               |              |              | 25. 4          | 5.1         | 312.            |
| Qao, Capiza   | 4.6           | 2.8         | 2.5        | 17.3          | .8          |               | 1            | 10.1        | 18.8           | 11.6           | 3.8                |              | 2.3          | 35. 6<br>35. 9 | 6.8<br>11.9 | 295.<br>216.    |
| CapizBorongan   | 1.6<br>35.9   | 1.8<br>35.3 | 12.4       | 16. 2<br>2. 8 | 18.8        | 30. 5         | 70.8         | 2.3<br>47.5 | 3.6<br>125.7   | 4. 7<br>163. 1 | $\frac{.5}{124.2}$ | 27. 2        | 21.3         | 32.5           | 73.7        | 2, 191.         |
| Catbalogan  | 28            | 32.8        | 1.5        | 7.4           | .5          | 6.9           | 1.8          | 26.1        | 36.6           | 50.6           | 41.1               |              | .3           | 62.3           | 32          | 913.            |
| Calbayog  |               | 14.8        | 1.8        | 3.3<br>11.7   | .8          | 2.3           | 1.8          | 30.8        | 41.9           | 10.7           | 14.9<br>.3         | 2.1          | .8           | 29.4<br>51.8   | 36.8<br>18  | 690.<br>381.    |
| Masbate<br>San Jose Estate, J. Abello D-13,                               | .8            | 14.5        | 6.6        | 11.7          |             |               |              | 4.3         | 25.6           | 1.5            | . 3                |              |              | 51.6           | 10          | 901.            |
| Mindoro a   |               |             |            |               |             |               |              |             |                |                |                    |              |              |                |             | 0               |
| San Jose Estate, Tamaraw<br>Plantation, Mindoros                          |               |             |            |               |             |               | •            |             |                |                |                    |              |              |                |             | 0               |
| San Jose Estate, San Agustin,   |               |             |            |               |             |               |              |             |                |                |                    |              |              |                |             |                 |
| Mindoro a   |               |             |            |               |             |               |              |             |                |                |                    |              |              |                |             | 0               |
| San Jose, Mindoro   | 1.5           |             |            | .3            |             |               |              |             |                |                |                    |              | <del>-</del> |                |             | 2.              |
| Mindoro a   |               |             |            |               | .8          |               |              |             |                |                |                    |              |              |                |             | 1               |
| Romblon   | 2. 1<br>14. 5 | 1.3         | 8.4        | 20.8          | 17.8        | 1.8           |              | -==         |                | 30.2           | 31.5               |              |              | .5<br>8.9      | 9.1<br>19.1 | 113.<br>835.    |
| Batag<br>Borsogon   |               | 45.7        | 27<br>31.8 | 46.5          | 19. 9       | 1.5           | 14.7<br>13.5 | 51.8<br>50  | 52. 1<br>23. 4 | 21.3           | 13                 | 5.3          | 2.5<br>4.6   | 13.5           | 26.4        | 1, 020.         |
| Legaspi   | 4             | 6.8         | 36.4       | 2             |             |               |              |             | 1.3            | 1.8            |                    |              |              | 24.5           | 47.5        | 389.            |
| Sumay, Guam   |               | 1.3<br>2.8  | .8         | .8            | 14          | 39.4          | .8<br>5.3    | 3.3         | 8.9            | 11.6           | 8                  | 10.2         | 5.3          | 27             | 3           | 137<br>195.     |
| Virac   | 8.6.          | 1.3         | 28.2       | 20. 1         |             |               |              | .5          | .3             |                | 1.1                |              |              | 7.9            | 8.4         | 283.            |
| Naga  |               | .5          | 23.9       | 3             | .5          |               | 1            | 3.8         | 1.5            | 2              |                    |              |              | 1.3            | 1           | 105.<br>3.      |
| Batangas<br>Lucena  |               |             |            |               |             |               |              |             |                |                |                    |              |              | 1.8            | 1.8         | 64.             |
| Atimonan  |               | 2           | 22.4       | 4.6           |             |               | 2            | 1.3         | 1.3            | 1.6            | 1.3                | 1.8          |              | 2.3            | 4.3         | 262.            |
| Ambulong, Tanauan<br>Canlubang, Calamba                                   |               |             |            |               |             |               |              |             |                |                |                    |              |              |                |             | 30<br>5.        |
| Paracale  |               | 23. 9       | 56. 9      | 14.2          | 1.3         | . 5           | 2. 1         | 5.3         | 3.9            | 4.9            |                    | .8           | 1            | 49             | 13.9        | 615.            |
| Santa Cruz, Laguna  |               |             |            |               |             |               |              |             |                |                |                    |              |              | .3             |             | 15.             |
| Fort Mills, Corregidor a c<br>Alabang, Rizala                             |               |             |            |               |             |               |              |             |                |                |                    |              |              |                |             | 5.<br>0         |
| Lamao, Bataana  |               |             |            |               |             |               |              |             |                |                |                    |              |              |                |             | Ō               |
| Manila  |               | 1           | ì          |               |             |               |              |             |                |                |                    |              |              |                |             | 3.              |
| Antipolo<br>Bosoboso, Rizal <sup>a</sup><br>Montalban, Rizal <sup>a</sup> |               |             |            |               |             |               |              |             | :              |                |                    |              |              |                |             | 3.0             |
| Montalban, Rizala   |               |             |            |               |             |               |              |             |                |                |                    |              |              |                |             | 4.              |
| Iacienda Pintong Sapang,<br>Santa Maria, Bulacana                         |               |             |            |               |             |               |              |             |                |                |                    |              |              |                |             | 3.              |
| Santa Maria, Bulacan  |               |             |            |               |             |               |              |             |                |                |                    |              |              |                |             |                 |
| Zambales a  |               |             |            |               |             |               |              |             |                |                |                    |              |              |                |             | 0               |
| Mabayuan Dam, Olongapo, Zambalesa ba                                      |               |             |            |               |             |               |              |             |                |                |                    |              |              |                |             | 0               |
|   |               |             |            |               |             |               |              |             |                |                |                    |              |              |                |             |                 |
| Tarlaca   |               |             | _          | 1             |             |               |              |             |                |                |                    |              |              |                |             | .:              |
| Iacienda Luisita, Luisita, Tar-<br>lac*                                   |               |             |            |               |             |               |              | <u> </u>    |                |                |                    |              |              |                |             | 0               |
| arlac   |               |             |            |               |             |               |              |             |                |                |                    |              |              |                |             | 0               |
| lace  |               |             |            |               |             |               |              |             |                |                |                    |              | 7.4          |                |             | 7. '<br>6. :    |
| agupan  |               |             |            |               |             |               |              |             |                |                |                    |              |              |                |             | 0               |
|   |               |             |            |               |             |               |              |             |                |                |                    |              |              |                |             |                 |
| Province a  |               |             |            |               |             |               |              |             |                |                |                    |              |              |                |             | 0<br>3.8        |
| Baguio  |               |             |            |               |             |               |              |             |                |                |                    |              |              |                |             | 2.6             |
| Baguio<br>Ban Fernando, Union<br>Cchagüe<br>Bagada, Mountain Province     |               |             |            |               |             |               |              |             |                |                |                    |              |              |                |             | 0               |
| agada, Mountain Provinces   |               |             | 2.8        | 2. 3          |             |               | 2.3          | 1.8         |                | .8             | . 3                |              |              | 3.6            | 4.1         | 30. 8.          |
| agada, Mountain Provincea<br>Bontok, Mountain Provincea<br>Landon         |               |             |            |               |             |               |              |             |                |                |                    |              |              | .8             | 4.1         | 8.              |
| andon   |               |             |            |               |             |               | !            |             |                |                |                    |              |              |                |             | 0               |
|   |               |             |            |               |             |               |              |             |                |                |                    |              |              |                |             | 0               |
| /illavieja, Pilar, Abras  |               |             |            |               |             |               |              |             |                |                | !                  |              |              |                |             | 4.              |
| /illavieja, Pilar, Abra*<br>/igan<br>'uguegarao                           |               |             |            |               | !           |               |              |             | !              |                |                    |              |              | 1.5            | 2           |                 |
| /Illavieja, Pilar, Abra*<br>Vigan<br>Vuguegarao<br>a Paz, Abra*           |               |             |            |               |             |               |              |             |                | !              |                    |              |              | 1.5            |             | 0               |
| illavieja, Pilar, Abras<br>igan'uguegarao                                 |               |             |            |               |             |               |              |             |                |                |                    |              |              |                | 3.5<br>5.9  |                 |

<sup>&</sup>lt;sup>a</sup> Voluntary or coöperative station.

<sup>(</sup>c) Rain, 24 hours beginning 7 a.m.

<sup>(</sup>d) 30 days of observation.

### BULLETIN FOR JANUARY, 1918.

## MAXIMUM ÁND MINIMUM TEMPERATURES AT THE STATIONS OF THE WEATHER BUREAU, JANUARY, 1918.

| _    | Jole   | o. (a)   | Isal<br>Bas  | bel <b>a,</b><br>ilan.  | Zamb   | oanga.  | Da  | vao.   | Cota  | bato.   |   | ayan,<br>amis.  | Dap   | itan.  | But   | uan.   |
|------|--|--|--|---|--|---|---|--|---|---|---|---|---|--|---|--|
| Day. | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini<br>mum  |
| 1    | 28. 2<br>27. 9<br>29. 5<br>29. 6<br>27. 7<br>28. 4<br>29. 6<br>27. 7<br>28. 4<br>29. 28. 5<br>27. 8<br>29. 8<br>29. 6<br>27. 9<br>21. 8<br>21. 8<br>21. 8<br>22. 8<br>23. 8<br>24. 8<br>25. 8<br>26. 8<br>27. 8<br>27. 8<br>28. 4<br>27. 8<br>27.  *C. 20. 1 20. 4 21. 1 19. 9 20. 1 20. 6 20. 3 23. 3 23. 7 20. 7 20. 7 21. 6 20. 8 20? 20. 5  18. 7 18. 8 20 21. 9? 22. 3 21. 9? 22. 2 20. 9 22. 5                                    | 31. 6<br>31. 1<br>32. 7<br>33. 1<br>30. 1  | °C. 21. 6 22. 7 22. 1 22. 6 21. 6 22. 7 22. 1 22. 1 22. 3 21. 7 23. 1 22. 8 22. 8 22. 1 20. 6 21. 4 22. 1 22. 7 23. 1 22. 1 22. 1 22. 1 22. 1 22. 1 22. 1 22. 1 22. 1 | °C. 28.9 28.3 32 28 28.9 29.4 31.6 32.8 30.8 31.3 31.4 32 29.5 31.5 31.3 31.5 31.5 31.5 31.3 31.2 29.5 | °C. 22. 4 22. 5 22. 8 22. 3 22. 3 22. 3 23. 1 23. 1 22. 5 22. 8 21. 7 22. 3 23. 1 22. 4 22. 5 23. 2 | °C. 32. 31. 7 32. 6 31. 7 31. 9 32. 6 24. 1 30. 6 24. 1 30. 6 30. 6 30. 6 30. 6 30. 6 30. 6 30. 6 30. 7 31. 5 30. 6 30. 6   | °C. 20. 5 21. 4 20. 9 21 22. 3 20. 8 21. 1 20. 5 21. 3 20. 5 21. 3 20. 1 21. 22. 2 21. 3 20. 1 21. 5 20. 3 20. 1 21. 5 20. 8 21. 5 20. 8 21. 5 20. 8 21. 5 20. 8 20. 8 21. 5 20. 8 20. 8 21. 5 20. 8 20. 8 20. 8 20. 8 21. 5 20. 8 2 | °C. 31. 1 31 32 32. 2 31. 1 30. 5 31. 2 31. 6 25. 4 31. 1 29. 9 29. 6 32. 2 31. 6 32. 2 31. 6 32. 2 31. 6 32. 2 32. 4 31. 6 32. 2 32. 4 31. 6 32. 2 32. 4 31. 7 30. 2 30. 2 30. 30. 2 | °C. 22. 8 22. 9 22 23 23. 6 21. 6 22. 2 22. 1. 1 21. 4 21. 5 22 22. 2 22. 6 21. 4 22. 2 22. 6 21. 4 22. 2 22. 6 21. 4 22. 8 22. 1 22. 8 22. 1 22. 8 22. 1 22. 8 22. 1 22. 8 22. 1 22. 8 22. 1 22. 8 22. 1 22. 8 22. 1 22. 8 22. 1 22. 8 22. 1 22. 8 22. 1 22. 8 22. 1 22. 8 22. 1 22. 8 22. 1 22. 8 22. 1 22. 8 22. 1 22. 8 22. 5 21. 7 22. 6 22. 5 22. 5 22. 5 | °C. 30. 4 30. 2 30. 5 29. 3 28. 8 29. 9 29. 6 24. 8 26. 8 29. 1 26. 8 29. 1 26. 8 29. 7 28. 5 27. 4 26. 3 28. 5 29. 7 28. 5 29. 7 28. 5 29. 7 28. 1 28. 8   | °C. 421. 421. 121. 222. 422. 622. 622. 622. 521. 521. 521. 521. 522. 822. 822. 822. 922. 522. 421. 522. 822. 822. 822. 822. 822. 822. 822   | °C. 32.2 31.7 30.3 30.7 29.4 29.4 29.9 28.9 26.9 28.7 28.3 30.4 29.8 29.8 29.8 29.8 29.7 26.6 30.1 27.5 26.6                                      | °C. 22. 1 22. 9 22. 7 21. 5 22 4 23. 2 22. 4 23. 2 22. 6 22. 4 21. 5 22. 6 22. 1 21. 5 22. 6 22. 1 21. 5 22. 6 22. 1 21. 5 22. 6 22. 1 23. 8 | *C. 33.3 32.7 29.6 32.2 30.1 29.7 29.1 25.1 24.5 30.2 28.6 25.6 30.5 28.1 30.1 29.7 28.2 28.6 31.1 32.5 29.7 28.2 29.8  | CC. 22<br>22 22 22 8 21.6 6 22.5 5 22.4 22 22.4 121.2 5 22.2 22.4 121.2 5 22.2 22.2 21.9 21.9 22.2 22.9 22.8 22.1 9 21.4 21.9 21.9 21.4 21.9 21.9 21.9 21.4 21.9 21.4 21.9 21.9 21.9 21.9 21.9 21.9 21.9 21.9  |
| 28   | 27. 5<br>28. 8<br>27. 9<br>29. 4   | 21. 1<br>21. 4<br>20. 5<br>21. 7   | 28. 1<br>30. 1<br>28. 9<br>31. 6   | 22. 1<br>22. 6<br>21. 7<br>22. 1  | 31.3<br>30.8<br>28.3<br>29.9   | 22. 1<br>22. 7<br>22. 2<br>22. 5<br>22. 6   | 32<br>31.6<br>31<br>29.7  | 21. 8<br>21. 4<br>20. 6<br>21. 5   | 31. 2<br>32<br>28<br>30<br>30. 7  | 22. 2<br>23. 1<br>22. 2<br>22. 5  | 28<br>26. 8<br>28. 8<br>28. 1<br>28. 7  | 22. 6<br>22. 2<br>22. 9<br>21. 4  | 29. 4<br>28. 9<br>28. 8<br>29. 9  | 22. 5<br>22. 3<br>20. 8<br>21. 2   | 28. 6<br>29. 6<br>29. 6<br>30. 6  | 22. 9<br>21. 6<br>22. 9<br>22. 1   |
|      | Mam  | bajao.   | Duma   | guete.  |  | Vestern<br>lines.   | Tagbi   | laran.   | Iwa   | hig.  | Suri  | gao.  | Maa   | asin.  | Ce  | bu.  |
| Day. | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   |   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini<br>mun  |
| 1    | 28. 6<br>28. 5<br>28. 3<br>27. 2<br>28. 2<br>25. 6<br>25. 1<br>26. 2<br>26. 2<br>27. 5<br>27. 5<br>27. 1<br>28. 2  | °C. 23. 2 22. 2 23. 9 24. 3 23. 5 23. 2 24. 2 23. 7 23. 1 21. 5 23 22. 1 22. 3 22. 4 22. 4 22. 4 22. 4 22. 4 22. 9 23. 1 25. 4 22. 9 23. 2 23. 2 23. 2 23. 2 23. 2 23. 2 23. 3 23. 3 | °C. 29.8 29.9 29.4 30.2 29.6 27.8 28.7 28.3 27.6 29.7 28.8 29.9 29.3 300 29.3 27.6 29.7 28.8 29.7 28.8 29.7 28.8 29.7 28.8 29.7 28.8 29.7 28.8 29.7 28.8 | °C. 22.9 22.5 24.6 22.8 22.2 23.7 23.6 22 23.8 22.8 22.8 22.8 22.8 22.8 22.8 2  | °C. 33.7 33.5 33.5 27.2 29.7 33.4 33.4 33.5 32.8 33.7 32.8 33.7 32.1 33.7 32.7 32.7 32.7 32.7 32.7     | °C 23. 6 23. 7 24. 5 23. 22. 9 23. 3 21. 5 24. 24. 25. 1 24. 5 24. 1 24. 2 23. 2 3. 2 23. 6 24. 5 24. 5 24. 5 24. 5   | °C.  31. 2 31. 30. 3 30. 27. 1 29. 3 28. 8 26. 6 24. 1 28. 2 27. 3 25. 5 30. 6 29. 2 29. 4 30. 5 29. 3 30. 5 29. 4 27. 3 30. 5 27. 9 30 28. 6 29. 2 29. 4 30. 5 30. 6 30. 6 30. 6 30. 6 30. 7 30. 5 | °C.  21. 8 22. 4 22. 8 22. 4 22. 5 21. 2 21. 5 21. 5 21. 5 21. 5 21. 6 22. 3 21. 4 21. 4 22. 6 23. 2 22. 3 22. 5 22. 6 22. 7 22. 4 22. 4 23. 2   | *C. 28. 6 31. 7 30. 3 23. 7 26. 9 26. 8 30. 2 27. 3 28. 8 29. 6 29. 6 30. 9 30. 5 30. 5 30. 9 29. 6 29. 6 29. 6 29. 6 29. 6 29. 6 29. 6 29. 1 29. 8                                   | °C. 21. 4 21. 8 21. 2 21. 9 20. 4 21. 9 20. 2 22. 4 20. 3 19. 9 20. 6 20. 6 20. 6 20. 6 20. 5 21. 6 20. 5 21. 6 20. 2 21. 4 21. 5   | °C. 28. 3<br>29. 8<br>27. 4<br>26. 3<br>27. 5<br>25. 9<br>25. 3<br>24. 9<br>25. 8<br>26. 7<br>26. 7<br>26. 9<br>25. 8<br>27. 9<br>26. 9<br>27. 9<br>28. 9<br>28. 9<br>28. 9<br>28. 27. 4<br>26. 3<br>27. 8<br>28. 8 | 22. 3<br>22. 6<br>23. 6<br>22. 8<br>23. 1<br>22. 2<br>22. 8<br>22. 2<br>21. 3<br>21. 4<br>23. 2<br>22. 9<br>23. 1<br>22. 8<br>22. 2<br>22. 9<br>23. 1<br>22. 8<br>22. 8<br>22. 2<br>22. 9<br>23. 1<br>22. 8<br>22. 8<br>24. 8<br>25. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8 | °C. 30.2 29.8 29.2 30 29.8 29.5 30.2 29.8 29.5 30.2 29.8 29.5 30.8 29.5 31 32 29.8 29.5 31 32 29.8 30.8 29.5 31 32 30.8 29.5 31 32 30.8 30.8 30.8 | °C. 22.9 22.5 22. 6 22.2 21.8 21. 8 21. 21.2 21.2 22.4 20.8 22.5 20.8 20.4 20.6 21.5 21.6 21.5 21.6 21.5 22.4                                | °C.<br>28. 7<br>30. 5<br>29. 28. 9<br>28. 5<br>26. 26. 8<br>27. 5<br>24. 7<br>27. 3<br>26. 24. 7<br>29. 5<br>29. 5<br>29. 3<br>29. 7<br>28. 29. 3<br>29. 7<br>28. 4<br>29. 5<br>29. 6<br>29. 7<br>29. | °C: 23. 7 24 23. 8 23. 5 23. 4 23. 4 22: 2 22: 3 22: 3 22: 7 22: 2 23: 2 22: 9 23: 2 22: 9 23: 2 23: 9 23: 9 23: 9 23: 9 24: 9 23: 9 23: 9 24: 9 23: 9 23: 9 24: 9 23: 9 |

<sup>&</sup>lt;sup>a</sup> The minimum temperatures of this station seem to be too low.

METEOROLOGICAL BULLETIN.

Maximum and minimum temperature at the stations of the Weather Bureau, January, 1918—Continued.

156479---2

BULLETIN FOR JANUARY, 1918.

Maximum and minimum temperatures at the stations of the Weather Bureau, January, 1918—Continued.

| Day.                       | Cals  | pan.  | Vii  | rac.  | Na   | ıga.   | Bata   | ingas.   | Luc   | ena.   | Atim   | ionan.   |  | ulong,<br>auan.  |   | Canlubang,<br>Calamba.  |  |
|----------------------------|---|---|--|---|--|--|--|--|---|--|--|--|--|--|---|---|--|
| Day.                       | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  |  | Maxi-<br>mum.   |  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum  |  |
| 1<br>2<br>3                | °C.<br>29.5<br>31.5<br>31<br>32.1   | °C.<br>21.5<br>23<br>23.1<br>23   | °C.<br>29<br>27.5<br>26.7<br>25.8  | °C.<br>21.5<br>20.3<br>21<br>21.3                           | °C.<br>27.8<br>27.9<br>25.9<br>24.5  | °C.<br>20. 1<br>20. 6<br>20. 4<br>20. 2  | °C.<br>30.6<br>29.8<br>28.7<br>28.8  | °C.<br>19<br>20.3<br>19.5<br>22.9  | °C.<br>27.3<br>28.4<br>26.2<br>25.5   | °C.<br>21.2<br>22.3<br>22<br>21.7  | °C.<br>25. 6<br>25. 9<br>26. 4<br>24. 4  | °C.<br>21.3<br>22.6<br>22.4<br>21.9  | °C.<br>29<br>30.4<br>28.3<br>27.6  | °C.<br>21.8<br>22.2<br>22.4<br>22  | °C.<br>29. 9<br>29. 8<br>29<br>28   | °C.<br>20. 8<br>20. 9<br>21<br>21. 2  |  |
| 5                          | 30, 9   | 22.5<br>21<br>20.6<br>20.5<br>19.5  | 25. 5  | 20.4  | 25. 6<br>27<br>26. 8<br>25. 8<br>26. 3   | 19.7<br>20.1<br>20.2<br>19.9<br>17.5   | 27. 2<br>28. 3<br>27. 4<br>25. 3<br>25. 4  | 21. 3<br>21. 5<br>18. 2<br>18. 8<br>17. 6  | 26.6<br>25.9<br>24.9<br>23.6<br>24.2  | 20.7<br>20.7<br>21<br>19.8<br>19.1   | 25. 4<br>25. 6<br>24. 6<br>23. 5<br>23. 2  | 22. 1<br>21. 2<br>21. 5<br>19. 9<br>19. 8  | 25.8<br>25.6<br>27.8<br>25.2<br>24.7   | 21.8<br>21.4<br>20.8<br>20.1<br>19.3   | 26.9<br>26.9<br>27<br>26.9<br>24.9  | 21. 2<br>21. 1<br>21. 3<br>21. 4<br>19. 4   |  |
| 10                         | 29.1<br>31.5  | 19<br>21<br>22.5<br>23<br>22.5  | 27. 5<br>28. 4<br>29. 5<br>29. 5<br>29. 5  | 20<br>20.6<br>21.6<br>22<br>21.1                            | 26. 5<br>26. 5<br>30. 2<br>27. 5<br>25. 9  | 18<br>19. 6<br>19. 5<br>20. 6<br>20. 3   | 28. 4<br>27. 6<br>27. 8<br>28. 1<br>27. 9  | 16. 5<br>19. 9<br>21. 3<br>21. 2<br>20. 5  | 25. 1<br>26. 8<br>25. 8<br>25. 5<br>24. 5   | 18.7<br>19.2<br>21<br>21.7<br>21.4   | 24<br>24.4<br>24.9<br>24.7<br>23.9   | 20.6<br>21.6<br>21.8<br>21.8<br>21.8   | 26. 2<br>27. 3<br>25. 4<br>25. 3<br>27. 3  | 19.7<br>21.2<br>21.9<br>21.8<br>21.8   | 26.6<br>27.6<br>27.5<br>27.2<br>27.4  | 19.0<br>20.5<br>21.3<br>21.3  |  |
| .5                         | 28. 2<br>28<br>25<br>30. 5  | 22.6<br>22.1<br>20.5<br>20.4<br>21<br>23.5  | 27. 8<br>28<br>28. 1<br>30. 4<br>29. 5<br>25. 9  | 21<br>20. 5<br>20<br>20<br>21<br>20. 5                      | 24. 4<br>25. 7<br>26. 5<br>26. 2<br>27. 9<br>27. 5   | 19. 4<br>19. 3<br>18. 6<br>19. 2<br>20. 1<br>20. 3   | 29.3<br>28.8<br>29.7<br>28.5<br>31<br>29.2   | 20. 4<br>19. 8<br>20. 1<br>20. 3<br>21. 5<br>20. 1   | 25.3<br>25.3<br>25.9<br>26.4<br>27.5<br>26.7  | 21. 2<br>20. 7<br>20. 1<br>21<br>21. 3<br>21. 7  | 24.5<br>24.5<br>24.2<br>24.4<br>24.5<br>25.4   | 21<br>21.5<br>22<br>21.3<br>22<br>21.8   | 27. 4<br>25. 3<br>27. 3<br>27. 1<br>29. 3<br>29. 4   | 21.8<br>21.4<br>20.5<br>21.3<br>21.9<br>21.6   | 27. 9<br>27. 8<br>28<br>28. 2<br>29. 2<br>29. 9   | 20.<br>20.<br>19.<br>20.<br>21.<br>21.  |  |
| 1<br>2<br>3<br>4<br>5      | 29<br>29<br>27<br>28.4<br>27.7<br>26.1  | 22<br>20.5<br>21<br>20.5<br>21<br>20  | 27. 3<br>27. 9<br>28<br>28<br>26. 6<br>25. 7   | 20. 6<br>20. 4<br>20<br>21. 1<br>21<br>20. 4                | 25. 1<br>26. 1<br>26. 9<br>26. 1<br>24. 1<br>24. 9   | 18.8<br>18.4<br>18.9<br>18.9<br>19.5<br>18.5   | 29. 4<br>28<br>29. 5<br>29<br>27. 1<br>26. 7   | 20.7<br>18.1<br>17<br>18.2<br>20.4<br>19.5   | 26. 5<br>26. 3<br>26. 9<br>26. 7<br>25. 7<br>25. 5  | 20. 6<br>20. 6<br>20. 7<br>21<br>20. 6<br>19. 5  | 25<br>24.8<br>24.9<br>24.9<br>24.4<br>24.3   | 21. 9<br>22. 3<br>22. 4<br>21. 5<br>20. 9<br>20. 5   | 26.8<br>27<br>27.2<br>27.2<br>26.6<br>24.6   | 20.9<br>20.4<br>20.4<br>20.8<br>21.1<br>20.7   | 30<br>27.5<br>27.8<br>28.4<br>27.5<br>27.1  | 21<br>20<br>21<br>21.<br>20.  |  |
| 7<br>8<br>9<br>0           | 26<br>27. 5<br>28. 6<br>28. 5   | 19. 5<br>20. 4<br>19. 4<br>22. 5  | 26.8<br>27<br>27.5<br>27<br>26.9   | 20. 2<br>21<br>21. 1<br>20. 2<br>20. 5                      | 25. 4<br>26. 5<br>25. 5<br>27. 5<br>25   | 18. 3<br>19. 5<br>19<br>19. 8<br>19. 6   | 27. 5<br>27. 2<br>29. 2<br>30. 4<br>28   | 19. 9<br>18. 2<br>17. 5?<br>18<br>21. 6  | 25.3<br>26.5<br>26.3<br>26.9<br>25.7  | 20. 9<br>20. 9<br>20. 7<br>21. 3<br>20. 9  | 24. 2<br>24. 7<br>24. 8<br>25. 2<br>24. 9  | 21.4<br>21.7<br>21.6<br>22.4<br>21.7   | 26.3<br>26.3<br>27.4<br>28.9<br>26.7   | 20. 4<br>20. 5<br>21. 4<br>21. 5<br>21. 6  | 26.8<br>27.2<br>27.4<br>28.2<br>27.2  | 20. 4<br>20. 3<br>20. 3<br>20<br>21   |  |
| Mean                       | 28.8  | 21.3  | 27.7   | 20.6  | 26.3   | 19.4   | 28. 4  | 19.7   | 26  | 20.8   | 24.7   | 21.6   | 27   | 21. 2  | 27.8  | 20.   |  |
|                            |   |   |  |   |  |  |  |  |   | ba. San Isidr  |  |  | o. Tarlac.   |  | Baler.  |   |  |
| Dav                        | Para  | cale.   | Santa<br>Lag   |   | Mar  | ila.   | Anti   | polo.  | It  | )a.  | San I  | sidro.   | Tar  | lac.   | Ва  | ler.  |  |
| Day.                       |   | Mini-   |  | una.<br>Mini-   | Mari-<br>mum.  | Mini-<br>mum.  |  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | San I<br>Maxi-<br>mum.   | Mini-<br>mum.  | Tar<br>Maxi-<br>mum.   | Mini-<br>mum.  | Ba<br>Maxi-<br>mum.   | Mir   |  |
| 1                          | Maxi-<br>mum.<br>°C.<br>26.8<br>27.2<br>26.3<br>25.8<br>24.8                                  | Mini-<br>mum.<br>°C.<br>22<br>23<br>22. 4<br>22. 5<br>21. 9   | Lag<br>Maxi-   | una.<br>Mini-   | Maxi-<br>mum.<br>°C.<br>28<br>29, 4<br>30<br>29<br>27, 7   | Mini-<br>mum.<br>°C.<br>18.8<br>20.4<br>19.6<br>20.2<br>20.9   | Maximum.  °C. 28.2 29.7 30.4 30.5 28.7   | Mini-<br>mum.  °C. 18 19.5 18.2 18.2 20.2  | Maximum.  °C. 29.6 30.5 29.8 30.2 29.7  | Mini-<br>mum.<br>°C.<br>20.5<br>20.7<br>19.6<br>20.8<br>23   | Maximum.  °C. 28.8 30.5 30.1 29.4 27.9   | Mini-<br>mum.  °C. 18.3 19.4 19.1 18.4 19.6  | Maximum.   | Mini-<br>mum.<br>°C.<br>19.8<br>19.5<br>19<br>18.4<br>18.6   | Maximum.  °C. 26 29 28.3 27.7   | Mir<br>mur<br>20.<br>19.<br>18.<br>20.<br>22.   |  |
| 12<br>23<br>45<br>67<br>78 | Maximum.  °C. 26.8 27.2 26.8 24.8 24.8 26 25.2 23.9 25  | Minimum.  °C. 22 23 22.4 22.5 21.9 21.4 21.8 19.9 19.7 21.5 22 22.3   | Maxi-mum.  °C. 28.1 28.6 26.9 26.4   | Minimum.  °C. 21.9 22.3 22.2 21.6  20.9 19.4 19.4 21.4 21.8 | Maxi-<br>mum.  °C. 28 29, 4 30 29 27, 7 28, 5 29, 7 28, 5 29, 7 28 27, 9   | Minimum.  °C. 18.8 20.4 19.6 20.2 20.9 21 20.4 19.3 17.4 17.2 18.8   | Maximum.  °C. 28.2 29.7 30.4 30.5 28.7 29.3 27.1 26.3 28.2 30.7 26.7   | Mini-<br>mum.  °C. 18 19.5 18.2 20.2 20.2 20 19 17.8 16.1 18 19,2                                    | Maximum.  °C. 29.6 30.5 29.8 30.2 29.7 29.9 29.4 29.9 29.9 29.9 29.5 29.4                     | Mini-<br>mum.  °C. 20.5 20.7 19.6 20.8 22.7 20.7 20.7 20.9 19.5 19.5 19.5 19.8                                     | Maxi-<br>mum.<br>°C.<br>28.8<br>30.5<br>30.1<br>29.4<br>27.9<br>27.7<br>29.5<br>27.6<br>26.6<br>28<br>29.6   | Minimum.  °C. 18.3 19.4 19.1 18.4 19.6 19 17 16.3 15.2 15.4 16.3 18.6  | Maximum.  °C. 31.5 31.8 32.5 32.4 31.8 28.5 31.2 30.4 31 29.9 33 33  | Minimum.  °C. 19.8 19.5 19 18.4 18.6 21.2 19.5 19.2 19.7 19 17.8                                       | Maximum.  °C. 26 29 28.3 27.7 27.2 26 24.6 26.9 27.5  | Mir<br>mus<br>20.<br>19.<br>18.<br>20.<br>22.<br>21.<br>15.<br>15.<br>18.<br>20.  |  |
| 1                          | Maximum.  26. 8 27. 2 26. 8 27. 2 26. 8 24. 8 24. 8 25. 2 23. 9 25. 2 26. 4 25. 6 25. 6 24. 8 | Minimum.  °C. 22 23 22.4 22.5 21.9 21.4 21.8 19.9 19.7 21.5 22 22.3 21.6 22.5 22.3 22 21.9 21.8   | Maxi- mum.  °C. 28. 1 28. 6 26. 9 26. 4  23. 9 24. 2 25. 26. 1 27. 1 26. 6 26. 3 26. 2 25. 6 26. 4 27. 3 | Minimum.  °C. 21.9 22.3 22.2 21.6                           | Maximum.  °C. 28 29, 4 30 29, 7 28, 5 29, 7 28, 28 28, 8 27, 9 28 28, 8 27, 9 28 28, 8 27, 9 28, 9 27, 6 30, 4 29, 1 26, 3             | Minimum.  °C. 18.8 20.4 19.6 20.2 20.9 21 20.4 19.3 17.4 17.2 18.8 20 21.1 20.4 18.8 18.9 18.2                           | Maximum.  °C. 28. 2 29. 7 30. 4 30. 5 28. 7 29. 3 27. 1 26. 3 27. 1 26. 3 27. 2 30. 7 29. 6 28. 2 28. 2 28. 2 28. 2      | Mini-mum.  °C. 18 19.5 18.2 20.2 20 20 19 17.8 16.1 18 19.2 19.7 20.5 18.3 17                        | Maximum.  °C. 29.6 30.5 29.8 30.2 29.7 29.9 29.9 29.4 29.9 29.5 29.4 29.7 29.4 29.7 29.4 29.7 | Minimum.  °C. 20.5 20.7 19.6 20.8 22.7 20.7 20.7 19.5 19.5 19.8 19.2 21.4 20.7 21.5                                | Maximum.  °C. 28.8 30.5 30.1 29.4 27.9 27.7 29.5 22.6 28 29.6 30 27.9 30.6 29.4 28.1 28.2  | Minimum.  °C. 18.3 19.4 19.1 18.4 19.1 16.3 15.2 15.4 16.3 18.6 20.4 20.8 17.4 20.8 17.6 16.6  | Maximum.  °C. 31.5 31.8 32.5 32.4 31.8 28.5 31.2 30.4 31 31.9 33 33 33 31.4 33 31.4 33 31.8 31.8 31.8        | Minimum.  °C. 19.8 19.5 19 18.4 18.6 21.2 19.5 19.2 19.2 21.2 20.2 21 20.4 18.8 17.4                   | Maximum.  °C. 26 29 28.3 27.7 27.7 27.2 26 24.6 24.6 27.5 27 26.3 28 27.6 27.6 27.7 27.7 27.7 27.7 27.7 27.7  | Mirr must 20.: 19.: 18.: 20.: 22.: 20.: 15.: 15.: 18.: 20.: 20.: 20.: 21.: 21.: 21.: 21.: 17.:  |  |
| 1                          | Maximum.  26. 8 27. 2 26. 8 27. 2 26. 8 24. 8 24. 8 25. 2 23. 9 25. 2 26. 4 25. 6 25. 6 24. 8 | Minimum.  C. 222 23 22. 4 22. 5 21. 9 21. 4 21. 8 19. 9 19. 7 21. 5 22. 3 21. 6 22. 5 22. 3 21. 9 21. 8 22. 1 21. 8 22. 1 21. 8 22. 5 21. 3 21. 4 22. 2 21. 4 | Maxi- mum.  °C. 28.1 28.6 26.9 26.4  | Minimum.  °C. 21.9 22.3 22.2 21.6                           | Maximum.  C. 28 29, 4 30 29 27, 7 28, 5 29, 27 28 28, 27, 9 27, 6 30, 4 29, 1 26, 3 29 28, 9 28, 8 28, 9 27, 6 28, 6 28, 6 28, 6 28, 6 | Minimum.  °C. 18.8 20.4 19.6 20.2 20.9 21 20.4 19.3 17.4 17.2 21.1 20.4 18.8 18.9 18.20 21.7 11.1 19 20.2 18.6 16.7 15.7 | Maximum.  C. 28.2 29.7 30.4 30.5 5 28.7 29.3 27.1 26.3 28.2 230.7 26.7 7 29.6 28.2 28.8 29.3 30.7 30.9 27.9 28.6 28 30.2 | Minimum.  C. 18 19.5 18.2 2 18.2 2 20.2 20 19 17.8 16.1 18.5 18.5 18.5 18.5 18.5 18.5 18.5 18        | Maximum.  29.6 30.5 29.8 30.2 29.7 29.9 29.4 29.9 29.4 29.4 29.4 29.4 29.4                    | Minimum.  °C. 20.57 19.6 20.8 22.7 20.7 19.5 19.5 19.5 19.6 19.2 21.4 20.4 20.7 21.5 19.6 19.2 21.8 19.2 21.8 19.8 | Maximum.  C. 28.8 30.5 30.1 29.4 427.9 27.7 6 28.6 28. 29.6 30. 27.9 30.6 629.4 28.1 28.2 29.4 28.1 30.9 30.2 29.4 29.1 30.4 30.9 30.2 29.4 29.1 30.1 20.1 20.1 20.1 20.1 20.1 20.1 20.1 2 | Minimum.  °C. 18.3 19.4 19.1 18.4 19.6 19 17 16.3 15.2 15.4 16.6 20.4 20.8 17.6 16.6 16.6 19.4 19.7 16.3 15.2                            | Maximum.  31.5 31.8 32.5 32.4 31.8 28.5 31.2 30.4 31.8 31.4 32.8 31.4 32.5 33.6 33.6 33.4 31.2 33.6 33.12    | Minimum.  °C. 19.8 19.5 19 18.4 18.6 21.2 19.5 19.2 19.7 19 20.2 21 20.4 17.3 19.4 19.3 17.5 17.4 16.8 | Maximum.  °C. 26 28, 3 27, 7 27, 27, 27, 27, 27, 28, 26, 8 27, 26, 3 28 26, 8 27, 6, 3 28 27, 27, 29 27, 27, 29 27, 27, 29 27, 27, 29 27, 27, 28 28, 27, 29 27, 27, 29 27, 27, 28 28, 27, 29 27, 27, 29 27, 27, 29 27, 27, 28 | Min mui 20. 20. 19. 19. 18. 1. 20. 18. 15. 18. 20. 20. 21. 17. 20. 20. 16. 17. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19   |  |
| 1                          | Maximum.  26. 8 27. 2 26. 8 27. 2 26. 8 24. 8 24. 8 25. 2 23. 9 25. 2 26. 4 25. 6 25. 6 24. 8 | Minimum.  °C. 22 23 22. 4 22. 5 21. 9 21. 4 21. 5 22 22. 3 21. 5 22. 3 21. 9 21. 8 22. 5 22. 3 21. 9 21. 8 22. 5 22. 3 21. 9 21. 8                            | Maxi- mum.  °C. 28.1 28.6 26.9 26.4  23.9 24.2 25 26.1 27.1 26.6 26.3 26.2 25.6 26.4 27.3 27.9 27.9 25.5 | Minimum.  °C. 21.9 22.3 22.2 21.6                           | Maximum.  °C. 28 29.4 30 29 27.7 28.5 29.7 28 27.9 28.8 27.9 27.6 30.4 29.1 26.3 29 28.9 29.1 30 27.5 28.7                             | Minimum.  °C. 18.8 20.4 19.6 20.2 20.9 21 20.4 17.2 18.8 20 21.1 19.8 20.1 16.7  | Maximum.  °C. 28.2 29.7 30.4 30.5 28.7 29.3 27.1 26.3 28.2 30.7 29.7 29.7 29.7 29.7 29.7 29.7 29.7 29                    | Minimum.  OC.  18 19.5 18.2 18.2 20.2 20 19 17.8 16.1 18 19.2 19.7 17 18.3 17 18.2 19.3 17 18.7 16.3 | Maximum.  °C. 29.6 30.5 29.8 30.2 29.7 29.9 29.9 29.9 29.4 29.4 29.4 29.4 29.4                | Minimum.  °C. 20.5 20.7 19.6 20.8 23 22.7 20.7 20.19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5                          | Maximum.  °C. 28.8 30.5 30.1 29.4 27.9 27.7 29.5 27.6 6 30 27.9 30.6 28.2 30.1 28.2 30.1 30.9 30.2 29.4  | Minimum.  °C. 18. 3 19. 4 19. 1 18. 4 19. 6 19 16. 3 18. 6 20. 4 16. 6 17. 6 17. 6 19. 4 11. 7 16. 3 18. 6 17. 6 19. 4 11. 7 16. 3 18. 6 | Maximum.  °C. 31.53.1.8 32.5 31.8 22.5 31.2 30.4 31.2 30.4 31.3 33.3 31.4 32.5 32.4 33.8 31.4 33.8 31.8 31.8 | Minimum.  °C. 19.8 19.5 19 18.4 18.6 21.2 21.9.5 19.2 19.7 19 17.8 20.2 21.4 17.3 19.4 19.3 17.5 17.4  | Maximum.  °C. 26 29 28.3 27.7 27.2 26.9 27.5 27.2 26.8 27.1 27.2 28.7   | Mirr must see the see that see the see that see the see that see the see that see the see that see the see that see the see that |  |

Maximum and minimum temperatures at the stations of the Weather Bureau, January, 1918—Continued.

| İ                 | Dag  | upan.   | Boli   | nao.   | Baguio.  |   | San Fernan-<br>do, Union.   |   | Echagüe.   |  | Candon  |  |
|-------------------|--|---|--|--|--|---|---|---|--|--|---|--|
| Day.              | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Min<br>mun   |
|                   | °C.  | °C.   | °C.  | °C.  | °C.  | °C.   | °C.   | °C.   | °C.  | °C.  | °C.   | °C.  |
| 1                 | 29.8   | 20.3  | 30   | 21.4   | 20.9   | 12.1  | 29.3  | 19. 1   | 24.2   | 18.1   | 32  | 21. 5  |
| 2                 | 29.4   | 22.4  | 29   | 24.3   | 21.4   | 12.8  | 29.5  | 21.5  | 25.2   | 19.9   | 31.5  | 23   |
| 3                 | 32.1   | 20.9  | 31.8   | 23.2   | 21.5   | 12  | 29.8  | 20.3  | 25   | 18.3   | 32.7  | 22. 1  |
| <u>4</u>          | 32   | 19.2  | 31.2   | 20.2   | 21.6   | 11.6  | 29  | 19  | 26   | 17.8   | 31  | 21.5   |
| 5                 | 31<br>29. 9  | 21  | 31.3   | 21.4   | 21<br>20.8   | 11.9<br>11.3  | 29.3<br>30  | 20<br>21.6  | 26.2<br>23.5   | 18.5   | 31.5  | 21.5   |
| 6                 | 30.7   | 20.7<br>20.4  | 30.8<br>32   | 22. 4<br>21. 5   | 21.6   | 10.7  | 29.5  | 20.7  | 21.5   | 18.2<br>18.3   | 31. 2<br>31. 7  | 21. 5<br>21. 9   |
| 8                 | 29. 4  | 18.5  | 30   | 19.7   | 19.2   | 9.3   | 30.1  | 18.7  | 20.4   | 16.5   | 30.5  | 19   |
| 9                 | 29. 2  | 17.8  | 29.4   | 18.5   | 19.5   | 8.4   | 28.1  | 16.5  | 22.4   | 15.3   | 30.9  | 18.  |
| 0                 | 30.3   | 17.8  | 30.1   | 19.2   | 20.3   | 8.3   | 28  | 15.9  | 23.6   | 15.7   | 29.5  | 18.  |
| 1                 | 30.5   | 17.9  | 31.5   | 19.5   | 22.5   | 10.4  | 28.5  | 17  | 25.6   | 17   | 30.1  | 18.  |
| 2                 | 31.7   | 19  | 31.5   | 19.4   | 24.1   | 13.2  | 29.9  | 19.5  | 25   | 19.4   | 31.5  | 21.  |
| 3                 | 29.5   | 20.8  | 27.9   | 21.5   | 21.3   | 12. 9   | 30.1  | 20.8  | 26.4   | 19.8   | 32  | 23   |
| <u>4</u> <i>-</i> | 28.8   | 21.5  | 28   | 22.9   | 23.4   | 11.6  | 29.6  | 21  | 23.9   | 17.8   | 31.8  | 21.  |
| 5                 | 31.5   | 19.7  | 30.3   | 20.2   | 22.8   | 11  | 28.9  | 19  | 24.8   | 17.3   | 31.9  | 19   |
| 6                 | 30.5   | 19  | 31   | 19   | 20.8   | 11.4  | 29.5  | 19  | 25.8   | 18.3   | 31.5  | 19   |
| 7                 | 30.2   | 19.8  | 30.4   | 21.7   | 20.9   | 10.1  | 28. 7<br>29   | 19.8  | 26<br>25.6   | 17.7   | 30.1  | 21   |
| 3                 | 29. 7<br>29. 4   | 17.5  | 30.5   | 17<br>19. 9  | 21.8   | 10.1  | 29<br>29. 5   | 17<br>19  | 26.8   | 15.3<br>18.3   | 31.6<br>31.5  | 19<br>21.  |
| 9<br>)            | 30   | 19. 1<br>20. 9  | 31.3<br>30   | 23.9   | 21.3<br>22.9   | 13. 1<br>10. 7  | 30.1  | 19<br>19. 5   | 21.9   | 19.1   | 31.5  | 20.  |
| /                 | 30   | 19.1  | 30.2   | 16.4   | 21.5   | 9.4   | 28.6  | 18.5  | 22.4   | 16.8   | 31.2  | 19   |
| )                 | 29.6   | 17.1  | 30.2   | 17.8   | 20.1   | 9.4   | 28.6  | 16.1  | 25.6   | 16.7   | 31.4  | 19   |
| }                 | 28.6   | 18. 1   | 29.7   | 17   | 20.8   | 9   | 29.1  | 17.5  | 23.8   | 17   | 31  | 19   |
|                   | 28.5   | 16.6  | 30.4   | 16.9   | 22.6   | 9.9   | 29.6  | 16.1  | 24.4   | 17.8   | 31.7  | 19.  |
| 5                 | 30.5   | 17.6  | 31.3   | 18.8   | 22.1   | 10.8  | 30  | 17.4  | 22.6   | 17.9   | 33  | 18.  |
| 3                 | 30.6   | 19.9  | 31   | 20   | 20.7   | 10.3  | 28.5  | 17.6  | 23.1   | 17.2   | 31.5  | 20.  |
| 7                 | 29.6   | 21  | 30.1   | 21   | 19.8   | 11.1  | 29  | 21. 1   | 25.5   | 16.8   | 31.4  | 21   |
| 3                 | 29.1   | 20.8  | 30   | 22.6   | 19.9   | 10.9  | 29.5  | 20  | 25.5   | 17.3   | 30  | 20.  |
| 9                 | <b>3</b> 2.3   | 19.1  | 30.9   | 20.2   | 20.6   | 11  | 29.5  | 19.4  | 25.8   | 18   | 31.5  | 21.  |
| )                 | 29.6   | 20.5  | 30.3   | 22.6   | 21.1   | 12.6  | 28.9  | 21.3  | 23. 1  | 17.7   | 32  | 23   |
| 1                 | 30   | 22.4  | 29.2   | 22.9   | 20   | 12.4  | 28  | 22.5  | 21.9   | 17.8   | 29.5  | 22   |
| Mean              | 30.1   | 19.6  | 30. 4  | 20.4   | 21.3   | 10.9  | 29.2  | 19.1  | 24.3   | 17.6   | 31.3  | 20.  |
| Day.              |  | gan.  | Tugue  | garao.   |  | oag.ª   | Apa   | ırri.   | Boje   | ador.  | Dom:<br>Bata  | ingo,  |
| ,                 | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  |   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Min<br>mun   |
|                   | ° <i>C</i> .   | °C.   | °C.  | °C.  | °C.  | ∘ <b>C</b> .  | ° <i>C</i> .  | °C.   | °C.  | °C.  | °C.   | °C   |
| <u>1</u>          | 29.8   | 22  | 25   | 18   | 32.6   | 18.6  | 23.9  | 17.8  | 24.2   | 18.8   | 24.4  | 17.8   |
| 2                 | 27.6   | 20.8<br>20.6  | 23.4<br>24.2   | 19.3   | 29.8   | 20.7  | 23. 2<br>21. 1  | 18.3  | 24<br>23   | 19.6   | 21.1  | 18.  |
|                   | 31<br>30.1   | 23.3  | 25.4   | 18. 4<br>18. 6   | 31.8<br>34.4   | 18.5<br>18.8  | 92.9  | 17.6<br>18.3  | 23.8   | 17.8<br>18.6   | 18.5<br>22  | 15.<br>16.   |
|                   | OU. I  |   |  | 10.0   | U1. 1  |   | 40.4  | 19.8  | 23.0   | 19.0   | 20.9  | 17.  |
|                   | 31.7   | 21.8  | 24 6   |  |  | 18 5  | 23.7  |   |  |  |   |  |
| 5                 | 31. 7<br>31. 6   | 21.8  | 24.6   | 18.5   | 33   | 18.5<br>17.7  | 23.2<br>23.7<br>23.7  |   | 24.27  |  |   | 1.1.4  |
| j                 | 31.7<br>31.6<br>30.5   | 21.8<br>21.5<br>20  | 24.6<br>26<br>22   | 18. 5<br>19  | 33<br>32.7<br>29.9   | 17.7  | 23.7<br>23.7<br>20.9  | 18. 5<br>17. 6  | 24.2?<br>20.6  | 19<br>17   | 19.8<br>19.4  | 17<br>16.  |
| 5                 | 31.6<br>30.5<br>28   | 21.8<br>21.5<br>20<br>18.6  | 24.6<br>26<br>22<br>21.4   | 18. 5<br>19<br>17. 3<br>16. 4  | 33<br>32.7<br>29.9<br>27.4   | 17.7<br>18.5<br>18.7  | 23.7<br>20.9<br>19.2  | 18.5<br>17.6<br>16.3  | 24.2?<br>20.6<br>19.5  | 19<br>17<br>15.8   | 19.8<br>19.4<br>17.4  | 16.<br>13.   |
|                   | 31. 6<br>30. 5<br>28<br>27. 7  | 21.8<br>21.5<br>20<br>18.6<br>19  | 24.6<br>26<br>22<br>21.4<br>23.9   | 18. 5<br>19<br>17. 3<br>16. 4<br>15. 5   | 33<br>32.7<br>29.9<br>27.4<br>29.3   | 17.7<br>18.5<br>18.7<br>14.4  | 23.7<br>20.9<br>19.2<br>21.2  | 18. 5<br>17. 6<br>16. 3<br>16. 2  | 24.2?<br>20.6<br>19.5<br>21.6  | 19<br>17<br>15.8<br>15.6   | 19.8<br>19.4<br>17.4<br>18.4  | 16.<br>13.<br>13   |
|                   | 31. 6<br>30. 5<br>28<br>27. 7<br>29. 4   | 21.8<br>21.5<br>20<br>18.6<br>19<br>20.1  | 24.6<br>26<br>22<br>21.4<br>23.9<br>24.2   | 18.5<br>19<br>17.3<br>16.4<br>15.5<br>14.9   | 33<br>32.7<br>29.9<br>27.4<br>29.3<br>30.5   | 17.7<br>18.5<br>18.7<br>14.4<br>13  | 23.7<br>20.9<br>19.2<br>21.2<br>24  | 18. 5<br>17. 6<br>16. 3<br>16. 2<br>16. 3   | 24. 2?<br>20. 6<br>19. 5<br>21. 6<br>24  | 19<br>17<br>15.8<br>15.6<br>16.8   | 19.8<br>19.4<br>17.4<br>18.4<br>20.9  | 16.<br>13.<br>13<br>15.  |
|                   | 31.6<br>30.5<br>28<br>27.7<br>29.4<br>29.8   | 21.8<br>21.5<br>20<br>18.6<br>19<br>20.1<br>18.5  | 24.6<br>26<br>22<br>21.4<br>23.9<br>24.2<br>26.8   | 18.5<br>19<br>17.3<br>16.4<br>15.5<br>14.9<br>14.8   | 33<br>32.7<br>29.9<br>27.4<br>29.3<br>30.5<br>32.3   | 17.7<br>18.5<br>18.7<br>14.4<br>13<br>13.6  | 23.7<br>20.9<br>19.2<br>21.2<br>24<br>24.5  | 18.5<br>17.6<br>16.3<br>16.2<br>16.3  | 24.2?<br>20.6<br>19.5<br>21.6<br>24<br>27.2  | 19<br>17<br>15.8<br>15.6<br>16.8<br>18.4   | 19.8<br>19.4<br>17.4<br>18.4<br>20.9<br>23.7  | 16.<br>13.<br>13<br>15.<br>15.   |
|                   | 31.6<br>30.5<br>28<br>27.7<br>29.4<br>29.8<br>29.7   | 21.8<br>21.5<br>20<br>18.6<br>19<br>20.1<br>18.5<br>19.3  | 24.6<br>26<br>22<br>21.4<br>23.9<br>24.2<br>26.8<br>25.8   | 18. 5<br>19<br>17. 3<br>16. 4<br>15. 5<br>14. 9<br>14. 8<br>19. 4  | 33<br>32.7<br>29.9<br>27.4<br>29.3<br>30.5<br>32.3<br>34.5   | 17.7<br>18.5<br>18.7<br>14.4<br>13<br>13.6<br>17.9  | 23.7<br>20.9<br>19.2<br>21.2<br>24<br>24.5<br>26.5  | 18.5<br>17.6<br>16.3<br>16.2<br>16.3<br>17<br>19.3  | 24. 2?<br>20. 6<br>19. 5<br>21. 6<br>24<br>27. 2<br>26   | 19<br>17<br>15. 8<br>15. 6<br>16. 8<br>18. 4<br>20. 4  | 19.8<br>19.4<br>17.4<br>18.4<br>20.9<br>23.7<br>23.9  | 16.<br>13.<br>13.<br>15.<br>15.<br>18.   |
|                   | 31.6<br>30.5<br>28<br>27.7<br>29.4<br>29.8<br>29.7<br>27.2   | 21.8<br>21.5<br>20<br>18.6<br>19<br>20.1<br>18.5<br>19.3<br>20.6  | 24.6<br>26<br>22<br>21.4<br>23.9<br>24.2<br>26.8<br>25.8<br>26.9   | 18. 5<br>19<br>17. 3<br>16. 4<br>15. 5<br>14. 9<br>14. 8<br>19. 4<br>19. 6   | 33<br>32.7<br>29.9<br>27.4<br>29.3<br>30.5<br>32.3<br>34.5<br>29.7   | 17.7<br>18.5<br>18.7<br>14.4<br>13<br>13.6<br>17.9<br>20.5  | 23.7<br>20.9<br>19.2<br>21.2<br>24<br>24.5<br>26.5<br>22.8  | 18.5<br>17.6<br>16.3<br>16.2<br>16.3<br>17<br>19.3  | 24. 2?<br>20. 6<br>19. 5<br>21. 6<br>24<br>27. 2<br>26<br>22. 6  | 19<br>17<br>15. 8<br>15. 6<br>16. 8<br>18. 4<br>20. 4<br>19. 6   | 19.8<br>19.4<br>17.4<br>18.4<br>20.9<br>23.7<br>23.9<br>21.8  | 16.<br>13.<br>13.<br>15.<br>15.<br>18.   |
|                   | 31.6<br>30.5<br>28<br>27.7<br>29.4<br>29.8<br>29.7<br>27.2<br>26.6   | 21.8<br>21.5<br>20<br>18.6<br>19<br>20.1<br>18.5<br>19.3<br>20.6  | 24.6<br>26<br>22<br>21.4<br>23.9<br>24.2<br>26.8<br>25.8<br>26.9<br>25.1   | 18. 5<br>19<br>17. 3<br>16. 4<br>15. 5<br>14. 9<br>14. 8<br>19. 4<br>19. 6<br>18. 3  | 33<br>32.7<br>29.9<br>27.4<br>29.3<br>30.5<br>32.3<br>34.5<br>29.7<br>30.5   | 17.7<br>18.5<br>18.7<br>14.4<br>13<br>13.6<br>17.9<br>20.5<br>18.5  | 23.7<br>20.9<br>19.2<br>21.2<br>24<br>24.5<br>26.5<br>22.8<br>20.6  | 18. 5<br>17. 6<br>16. 3<br>16. 2<br>16. 3<br>17<br>19. 3<br>19. 4<br>17. 8  | 24. 2?<br>20. 6<br>19. 5<br>21. 6<br>24<br>27. 2<br>26<br>22. 6<br>21. 6   | 19<br>17<br>15. 8<br>15. 6<br>16. 8<br>18. 4<br>20. 4<br>19. 6<br>17. 2  | 19.8<br>19.4<br>17.4<br>18.4<br>20.9<br>23.7<br>23.9<br>21.8<br>21.8  | 16.<br>13.<br>15.<br>15.<br>18.<br>18.   |
|                   | 31.6<br>30.5<br>28<br>27.7<br>29.4<br>29.8<br>29.7<br>27.2<br>26.6<br>28.7   | 21.8<br>21.5<br>20<br>18.6<br>19<br>20.1<br>18.5<br>19.3<br>20.6<br>19  | 24.6<br>26<br>22<br>21.4<br>23.9<br>24.2<br>26.8<br>25.8<br>26.9<br>25.1<br>26.3   | 18. 5<br>19<br>17. 3<br>16. 4<br>15. 5<br>14. 9<br>14. 8<br>19. 4<br>19. 6<br>18. 3<br>17. 8   | 33<br>32.7<br>29.9<br>27.4<br>29.3<br>30.5<br>32.3<br>34.5<br>29.7<br>30.5<br>33.5   | 17.7<br>18.5<br>18.7<br>14.4<br>13<br>13.6<br>17.9<br>20.5<br>18.5  | 23.7<br>20.9<br>19.2<br>21.2<br>24<br>24.5<br>26.5<br>22.8<br>20.6  | 18.5<br>17.6<br>16.3<br>16.2<br>16.3<br>17<br>19.3<br>19.4<br>17.8  | 24. 2?<br>20. 6<br>19. 5<br>21. 6<br>24<br>27. 2<br>26<br>22. 6<br>21. 6   | 19<br>17<br>15. 8<br>15. 6<br>16. 8<br>18. 4<br>20. 4<br>19. 6<br>17. 2<br>16. 6   | 19.8<br>19.4<br>17.4<br>18.4<br>20.9<br>23.7<br>23.9<br>21.8<br>21.8  | 16.<br>13.<br>15.<br>15.<br>18.<br>18.<br>16.  |
|                   | 31.6<br>30.5<br>28<br>27.7<br>29.4<br>29.8<br>29.7<br>27.2<br>26.6<br>28.7<br>29.6   | 21.8<br>21.5<br>20<br>18.6<br>19<br>20.1<br>18.5<br>19.3<br>20.6<br>19  | 24. 6<br>26<br>21. 4<br>23. 9<br>24. 2<br>26. 8<br>25. 8<br>26. 9<br>25. 1<br>26. 3<br>26. 1   | 18. 5<br>19<br>17. 3<br>16. 4<br>15. 5<br>14. 9<br>14. 8<br>19. 4<br>19. 6<br>18. 3<br>17. 8<br>18. 1  | 33<br>32. 7<br>29. 9<br>27. 4<br>29. 3<br>30. 5<br>32. 3<br>34. 5<br>29. 7<br>30. 5<br>33. 5   | 17.7<br>18.5<br>18.7<br>14.4<br>13<br>13.6<br>17.9<br>20.5<br>18.5<br>14.6  | 23. 7<br>20. 9<br>19. 2<br>21. 2<br>24<br>24. 5<br>26. 5<br>22. 8<br>20. 6<br>22  | 18.5<br>17.6<br>16.3<br>16.2<br>16.3<br>17<br>19.3<br>19.4<br>17.8<br>17.8  | 24. 2?<br>20. 6<br>19. 5<br>21. 6<br>24<br>27. 2<br>26<br>22. 6<br>21. 6<br>22<br>25. 4  | 19<br>17<br>15. 8<br>15. 6<br>16. 8<br>18. 4<br>20. 4<br>19. 6<br>17. 2<br>16. 6<br>18. 4  | 19.8<br>19.4<br>17.4<br>18.4<br>20.9<br>23.7<br>23.9<br>21.8<br>21.8<br>19.9<br>22.5  | 16.<br>13.<br>15.<br>15.<br>18.<br>16.<br>15.  |
|                   | 31.6<br>30.5<br>28<br>27.7<br>29.4<br>29.8<br>29.7<br>27.2<br>26.6<br>28.7<br>29.6   | 21.8<br>21.5<br>20<br>18.6<br>19<br>20.1<br>18.5<br>19.3<br>20.6<br>19<br>18<br>20.5<br>21.5  | 24. 6<br>26<br>21. 4<br>23. 9<br>24. 2<br>26. 8<br>25. 8<br>26. 9<br>25. 1<br>26. 3<br>26. 1<br>25. 6  | 18.5<br>19<br>17.3<br>16.4<br>15.5<br>14.9<br>14.8<br>19.4<br>19.6<br>18.3<br>17.8<br>18.1   | 33<br>32. 7<br>29. 9<br>27. 4<br>29. 3<br>30. 5<br>32. 3<br>34. 5<br>29. 7<br>30. 5<br>33. 5<br>32<br>33. 1  | 17. 7<br>18. 5<br>18. 7<br>14. 4<br>13<br>13. 6<br>17. 9<br>20. 5<br>14. 6<br>13. 8<br>14. 9  | 23.7<br>20.9<br>19.2<br>21.2<br>24.5<br>26.8<br>20.6<br>22<br>25<br>23.8  | 18.5<br>17.6<br>16.3<br>16.2<br>16.3<br>17<br>19.3<br>19.4<br>17.8<br>17.3<br>18  | 24. 2?<br>20. 6<br>19. 5<br>21. 6<br>24<br>27. 2<br>26<br>21. 6<br>22<br>25. 4<br>23. 8  | 19<br>17<br>15. 8<br>15. 6<br>16. 8<br>18. 4<br>20. 4<br>19. 6<br>17. 2<br>16. 6<br>18. 4<br>18. 8   | 19.8<br>19.4<br>17.4<br>18.4<br>20.9<br>23.9<br>21.8<br>21.8<br>19.9<br>22.5<br>19.8  | 16.<br>13.<br>15.<br>15.<br>18.<br>18.<br>16.<br>17.   |
|                   | 31.6<br>30.5<br>28<br>27.7<br>29.4<br>29.8<br>29.7<br>27.2<br>26.6<br>28.7<br>29.6   | 21.8<br>21.5<br>20<br>18.6<br>19<br>20.1<br>18.5<br>19.3<br>20.6<br>19  | 24. 6<br>26<br>22<br>21. 4<br>23. 9<br>24. 2<br>26. 8<br>25. 8<br>26. 9<br>25. 1<br>26. 1<br>25. 6<br>25. 4  | 18. 5<br>19<br>17. 3<br>16. 4<br>15. 5<br>14. 9<br>14. 8<br>19. 4<br>19. 6<br>18. 3<br>17. 6<br>16. 4  | 33<br>32.7<br>29.9<br>27.4<br>29.3<br>30.5<br>32.3<br>34.5<br>29.7<br>30.5<br>33.5<br>33.1<br>31.7   | 17. 7<br>18. 5<br>18. 7<br>14. 4<br>13<br>13. 6<br>17. 9<br>20. 5<br>18. 5<br>14. 6<br>13. 8<br>14. 9<br>14. 3  | 23.7<br>20.9<br>19.2<br>21.2<br>24.5<br>26.5<br>22.6<br>22.2<br>25.8<br>26.3  | 18.5<br>17.6<br>16.3<br>16.2<br>16.3<br>17<br>19.3<br>19.4<br>17.8<br>17.3<br>18.2<br>17.4  | 24. 2?<br>20. 6<br>19. 5<br>21. 6<br>24<br>27. 2<br>26<br>22. 6<br>21. 6<br>22<br>25. 4  | 19<br>17<br>15. 8<br>15. 6<br>16. 8<br>18. 4<br>20. 4<br>19. 6<br>17. 2<br>16. 6<br>18. 4  | 19.8<br>19.4<br>17.4<br>18.4<br>20.9<br>23.7<br>23.9<br>21.8<br>21.8<br>19.9<br>22.5  | 16.<br>13.<br>15.<br>15.<br>18.<br>18.<br>16.<br>17.<br>17.  |
|                   | 31.6<br>30.5<br>28<br>27.7<br>29.4<br>29.8<br>29.7<br>27.2<br>26.6<br>28.7<br>29.6<br>28.9<br>30.1   | 21.8<br>21.5<br>20<br>18.6<br>19<br>20.1<br>18.5<br>19.3<br>20.6<br>19<br>18<br>20.5<br>21.5  | 24. 6<br>26<br>21. 4<br>23. 9<br>24. 2<br>26. 8<br>25. 8<br>26. 9<br>25. 1<br>26. 3<br>26. 1<br>25. 6  | 18. 5<br>19<br>17. 3<br>16. 4<br>15. 5<br>14. 8<br>19. 4<br>19. 6<br>18. 3<br>17. 8<br>18. 1<br>17. 8<br>18. 1   | 33<br>32. 7<br>29. 9<br>27. 4<br>29. 3<br>30. 5<br>32. 3<br>34. 5<br>29. 7<br>30. 5<br>33. 5<br>32<br>33. 1  | 17. 7<br>18. 5<br>18. 7<br>14. 4<br>13. 6<br>17. 9<br>20. 5<br>14. 6<br>13. 8<br>14. 9<br>14. 3<br>17. 2<br>19. 5   | 23.7<br>20.9<br>19.2<br>21.2<br>24.5<br>26.8<br>20.6<br>22<br>25<br>23.8  | 18.5<br>17.6<br>16.3<br>16.2<br>16.3<br>17<br>19.3<br>19.4<br>17.8<br>17.3<br>18  | 24. 2?<br>20. 6<br>19. 5<br>21. 6<br>24<br>27. 2<br>26<br>22. 6<br>21. 6<br>22. 25. 4<br>23. 8<br>26. 8<br>24. 8<br>25. 4  | 19<br>17<br>15. 8<br>15. 6<br>16. 8<br>18. 4<br>19. 6<br>17. 2<br>16. 6<br>18. 4<br>18. 8<br>18. 6   | 19.8<br>19.4<br>17.4<br>18.4<br>20.9<br>23.7<br>23.9<br>21.8<br>21.8<br>19.9<br>22.5<br>19.8<br>21.5  | 16.<br>13.<br>15.<br>15.<br>18.<br>18.<br>16.<br>17.<br>17.<br>17.   |
|                   | 31.6<br>30.5<br>28<br>27.7<br>29.4<br>29.8<br>29.7<br>27.2<br>26.6<br>28.7<br>29.6<br>28.9<br>30.1<br>29.4   | 21.8<br>21.5<br>20<br>18.6<br>19<br>20.1<br>18.5<br>19.6<br>19<br>18<br>20.5<br>21.5<br>21.5  | 24. 6<br>26<br>22<br>21. 4<br>23. 9<br>24. 2<br>26. 8<br>25. 8<br>26. 9<br>25. 1<br>26. 3<br>26. 6<br>25. 4<br>26. 8   | 18. 5<br>19<br>17. 3<br>16. 4<br>15. 5<br>14. 9<br>14. 8<br>19. 4<br>19. 6<br>18. 3<br>17. 6<br>16. 4  | 33<br>32.7<br>29.9<br>27.4<br>29.5<br>30.5<br>32.3<br>34.5<br>29.7<br>30.5<br>33.5<br>33.5<br>33.5<br>33.3   | 17.7<br>18.5<br>18.7<br>14.4<br>13.6<br>17.9<br>20.5<br>18.5<br>14.6<br>13.8<br>14.3  | 23.7<br>20.9<br>19.2<br>21.2<br>24.5<br>26.5<br>20.6<br>22<br>25.9  | 18.5<br>17.6<br>16.3<br>16.2<br>16.3<br>17<br>19.3<br>19.4<br>17.8<br>17.3<br>18.2<br>17.4<br>19.1  | 24. 2?<br>20. 6<br>19. 5<br>21. 6<br>27. 2<br>26<br>22. 6<br>21. 6<br>22. 4<br>23. 8<br>26. 8<br>24. 8<br>24. 8<br>22. 4   | 19<br>17<br>15.8<br>15.6<br>16.8<br>18.4<br>20.4<br>19.6<br>17.2<br>16.6<br>18.4<br>18.4<br>18.6<br>20.4   | 19.8<br>19.4<br>17.4<br>18.4<br>20.9<br>23.7<br>23.9<br>21.8<br>21.8<br>19.9<br>22.5<br>19.8<br>21.5  | 16.<br>13.<br>15.<br>15.<br>18.<br>18.<br>16.<br>17.<br>17.<br>17.   |
|                   | 31.6<br>30.5<br>28.7<br>29.4<br>29.8<br>29.7<br>27.2<br>26.6<br>28.7<br>29.4<br>28.9<br>29.4<br>28.3<br>28.7<br>29.4<br>28.3   | 21.8<br>21.5<br>20<br>18.6<br>19<br>20.1<br>18.5<br>20.6<br>19<br>20.5<br>21.5<br>21.5<br>21.7<br>19.4  | 24. 6<br>22. 4<br>23. 9<br>24. 2<br>26. 8<br>25. 1<br>26. 3<br>26. 1<br>25. 4<br>25. 4<br>25. 8<br>22. 5<br>26. 8<br>21. 6   | 18. 5<br>19<br>17. 3<br>16. 4<br>15. 5<br>14. 9<br>14. 8<br>19. 6<br>18. 3<br>17. 8<br>18. 1<br>17. 8<br>16. 4<br>19. 8<br>17. 8   | 33<br>32. 7<br>29. 9<br>27. 4<br>29. 3<br>30. 5<br>32. 5<br>30. 5<br>33. 5<br>33. 5<br>33. 1<br>31. 7<br>33. 3<br>30. 6<br>32. 9                   | 17. 7<br>18. 5<br>18. 5<br>14. 4<br>13. 6<br>17. 9<br>20. 5<br>14. 6<br>13. 8<br>14. 3<br>17. 2<br>19. 5<br>15. 8<br>13. 1  | 23.7<br>20.9<br>21.2<br>21.2<br>24.5<br>22.8<br>22.8<br>22.8<br>25.9<br>21.5<br>20.6<br>21.5<br>22.8<br>25.9<br>21.5<br>20.2<br>25.2  | 18.5<br>17.6<br>16.2<br>16.3<br>17<br>19.4<br>17.8<br>17.8<br>18.2<br>17.8<br>19.1<br>17.8  | 24. 2?<br>20. 6<br>19. 5<br>21. 6<br>24<br>27. 2<br>26. 22. 6<br>21. 6<br>22. 4<br>23. 8<br>24. 8<br>22. 4<br>22. 4<br>22. 4   | 19<br>17<br>15. 8<br>15. 6<br>16. 8<br>18. 4<br>20. 4<br>19. 6<br>18. 4<br>18. 8<br>18. 6<br>20. 4<br>17. 2<br>16. 2   | 19.8<br>19.4<br>17.4<br>18.4<br>20.9<br>23.7<br>23.9<br>21.8<br>19.9<br>22.5<br>19.5<br>19.6<br>21.7  | 16.<br>13.<br>15.<br>15.<br>18.<br>16.<br>17.<br>17.<br>17.<br>16.<br>15.  |
|                   | 31. 6<br>30. 5<br>28. 7<br>29. 4<br>29. 8<br>29. 7<br>27. 2<br>26. 6<br>28. 7<br>29. 4<br>28. 3<br>28. 6<br>30. 1  | 21.8<br>21.5<br>20<br>18.6<br>19<br>20.1<br>18.5<br>19.3<br>20.6<br>19<br>20.5<br>21.5<br>21.5<br>21.7<br>19.4<br>17.7  | 24.6<br>26.2<br>21.4<br>23.9<br>24.2<br>26.9<br>25.8<br>26.1<br>26.1<br>26.1<br>26.5<br>22.5<br>22.5<br>22.5<br>22.5<br>24.5   | 18. 5<br>19. 3<br>16. 4<br>15. 5<br>14. 9<br>19. 6<br>18. 3<br>17. 6<br>16. 4<br>17. 8<br>17. 8<br>17. 8<br>17. 8<br>17. 8   | 33<br>32. 7<br>29. 9<br>20. 3<br>30. 5<br>32. 7<br>30. 5<br>32. 7<br>30. 5<br>33. 1<br>31. 7<br>30. 6<br>29. 8<br>32. 9<br>33. 4                   | 17. 7<br>18. 5<br>18. 7<br>14. 4<br>13. 6<br>17. 9<br>20. 5<br>14. 6<br>13. 8<br>14. 9<br>17. 2<br>19. 5<br>15. 8<br>13. 1<br>13. 3   | 23. 7<br>20. 9<br>21. 2<br>24. 5<br>26. 5<br>20. 6<br>22. 25. 8<br>25. 9<br>21. 5<br>26. 3<br>26. 9<br>21. 5<br>22. 23<br>25. 9<br>21. 5<br>22. 23  | 18.5<br>17.6<br>16.2<br>16.3<br>17<br>19.4<br>17.8<br>17.8<br>17.8<br>17.8<br>17.8<br>17.8  | 24. 2?<br>20. 6<br>19. 5<br>21. 6<br>24<br>27. 2<br>26. 6<br>21. 6<br>22. 4<br>23. 8<br>24. 8<br>22. 4<br>22. 4<br>22. 4<br>24. 2<br>24. 2   | 19<br>17<br>15. 8<br>15. 6<br>16. 8<br>18. 4<br>20. 4<br>19. 6<br>18. 4<br>18. 8<br>18. 6<br>20. 4<br>17. 4<br>16. 2<br>17. 4<br>16. 2   | 19.8<br>19.4<br>17.4<br>18.4<br>20.9<br>23.7<br>21.8<br>21.8<br>19.9<br>22.5<br>19.5<br>19.6<br>21.7<br>19.6  | 16.<br>13.<br>15.<br>15.<br>18.<br>16.<br>17.<br>17.<br>17.<br>16.<br>15.<br>16.   |
|                   | 31.6<br>30.5<br>28<br>27.7<br>29.4<br>29.8<br>20.7<br>26.6<br>28.7<br>29.3<br>20.1<br>29.4<br>28.3<br>28.7<br>28.6<br>30.1<br>28.5   | 21. 8<br>21. 5<br>20<br>18. 6<br>19 20. 1<br>18. 5<br>19. 3<br>20. 6<br>19<br>21. 5<br>21. 5<br>21. 7<br>19. 4<br>17. 7<br>18. 4  | 24.6<br>22.21.4<br>23.9<br>24.2.8<br>25.8<br>25.8<br>25.1<br>25.4<br>25.4<br>25.4<br>25.4<br>25.5<br>27.6<br>22.5<br>27.6<br>24.5  | 18.5<br>17.3<br>16.4<br>15.5<br>14.8<br>19.4<br>19.8<br>17.8<br>18.1<br>17.8<br>16.4<br>19.8<br>16.6<br>14.5<br>17.5<br>18.2   | 33<br>32. 7<br>29. 9<br>27. 4<br>29. 3<br>30. 5<br>32. 3<br>34. 5<br>29. 5<br>33. 5<br>33. 1<br>31. 7<br>33. 3<br>30. 6<br>32. 9<br>30. 4          | 17. 7<br>18. 5<br>18. 7<br>14. 4<br>13<br>13. 6<br>17. 9<br>20. 5<br>14. 3<br>17. 9<br>14. 3<br>17. 5<br>15. 8<br>13. 1<br>13. 3<br>14. 1   | 23. 7<br>20. 9<br>19. 2<br>24. 5<br>26. 5<br>20. 6<br>22. 8<br>20. 6<br>22. 8<br>26. 3<br>25. 9<br>21. 5<br>20. 2<br>21. 5<br>22. 2<br>23. 8<br>25. 2<br>26. 3<br>25. 2<br>26. 3<br>26. 3<br>27. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2 | 18.5<br>17.6.3<br>16.2<br>16.3<br>17.3<br>19.4<br>17.8<br>17.3<br>18.2<br>17.4<br>19.1<br>17.8  | 24. 2?<br>20. 6<br>19. 5<br>21. 6<br>24<br>27. 2<br>26. 2<br>21. 6<br>21. 6<br>22. 4<br>23. 8<br>26. 8<br>24. 8<br>22. 4<br>22. 2<br>24. 2<br>24. 2<br>23. 2   | 19<br>17<br>15.8<br>15.6<br>16.8<br>18.4<br>19.6<br>17.2<br>16.6<br>18.8<br>18.6<br>20.4<br>17.8<br>16.2<br>17.8<br>18.4   | 19. 8<br>19. 4<br>17. 4<br>20. 9<br>23. 7<br>23. 9<br>21. 8<br>21. 8<br>21. 8<br>21. 5<br>19. 6<br>21. 7<br>19. 6<br>21. 7<br>19. 6<br>20. 6          | 16.<br>13.<br>15.<br>15.<br>18.<br>16.<br>17.<br>17.<br>17.<br>16.<br>15.<br>17.   |
|                   | 31.6<br>30.5<br>28<br>27.7<br>29.4<br>29.8<br>29.8<br>27.2<br>26.6<br>28.7<br>29.4<br>28.9<br>30.1<br>29.4<br>28.3<br>28.7<br>28.6<br>30.1<br>29.5<br>30.5   | 21. 8<br>21. 5<br>20<br>18. 6<br>19<br>20. 1<br>18. 5<br>19. 3<br>20. 6<br>19<br>21. 5<br>21. 5<br>19. 4<br>17. 7<br>18. 4<br>17<br>18. 5                               | 24.6<br>22.4<br>23.9<br>24.2<br>25.8<br>26.3<br>26.3<br>26.3<br>26.3<br>26.3<br>26.3<br>26.3<br>27.6<br>22.5<br>24.5<br>24.5<br>24.8   | 18.5<br>17.3<br>16.4<br>15.5<br>14.8<br>19.6<br>17.8<br>18.1<br>17.6<br>19.8<br>17.8<br>17.5<br>18.9<br>17.5<br>18.2   | 33<br>32. 7<br>29. 9<br>27. 4<br>29. 3<br>30. 5<br>32. 3<br>34. 5<br>29. 7<br>33. 5<br>32. 3<br>31. 7<br>33. 3<br>30. 6<br>32. 9<br>30. 4<br>30. 9 | 17. 7<br>18. 5<br>14. 4<br>13. 6<br>17. 9<br>20. 5<br>14. 6<br>14. 9<br>17. 2<br>19. 5<br>15. 8<br>14. 3<br>15. 8<br>14. 3<br>15. 6   | 23. 7<br>20. 9<br>21. 2<br>24. 5<br>26. 5<br>22. 8<br>20. 6<br>22. 8<br>25. 9<br>21. 5<br>26. 3<br>25. 9<br>21. 5<br>25. 2<br>25. 2<br>26. 2<br>26. 3<br>26. 3<br>27. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 28. 28. 28. 28. 28. 28. 28. 28. 28.   | 18.5<br>17.6<br>16.2<br>16.3<br>17<br>19.3<br>17.8<br>17.8<br>17.3<br>18.2<br>17.4<br>19.1<br>17.8<br>17.3  | 24. 2?<br>20. 6<br>19. 5<br>21. 6<br>24. 2<br>26. 2<br>25. 4<br>23. 8<br>24. 8<br>24. 8<br>22. 4<br>24. 2<br>24. 2<br>24. 2<br>23. 8   | 19<br>17<br>15. 8<br>15. 6<br>16. 8<br>18. 4<br>19. 6<br>17. 2<br>16. 6<br>18. 4<br>17. 4<br>16. 2<br>17. 8<br>18. 4<br>17. 8  | 19. 8<br>19. 4<br>17. 4<br>20. 9<br>23. 7<br>23. 9<br>21. 8<br>21. 8<br>19. 9<br>22. 5<br>19. 5<br>19. 6<br>21. 7<br>19. 6<br>20. 6                   | 16.<br>13.<br>15.<br>15.<br>18.<br>16.<br>17.<br>17.<br>17.<br>17.<br>16.<br>15.<br>15.  |
|                   | 31.6<br>30.5<br>28<br>27.7<br>29.4<br>29.7<br>27.2<br>26.6<br>28.9<br>28.9<br>29.4<br>28.3<br>28.5<br>30.1<br>28.5<br>30.1   | 21. 8<br>21. 5<br>20<br>18. 6<br>19<br>20. 1<br>18. 5<br>19. 3<br>20. 6<br>19<br>21. 5<br>21. 5<br>21. 7<br>17. 7<br>18. 4<br>17. 7<br>18. 5                            | 24. 6<br>22. 4. 21. 24. 2<br>24. 2 26. 8<br>25. 8<br>25. 1<br>26. 3<br>26. 3<br>25. 6<br>25. 6<br>25. 6<br>25. 8<br>25. 8<br>26. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>2       | 18. 5<br>19. 3<br>16. 4<br>15. 5<br>14. 8<br>19. 4<br>19. 6<br>18. 3<br>17. 8<br>17. 8<br>17. 8<br>16. 6<br>14. 9<br>17. 8<br>16. 6<br>14. 9<br>17. 8<br>18. 2<br>18. 3  | 33, 7, 29, 9, 27, 4, 29, 3, 5, 30, 5, 5, 32, 3, 5, 32, 5, 32, 5, 32, 6, 29, 8, 31, 4, 30, 9, 31, 4, 30, 9, 31, 4                                   | 17. 7<br>18. 5<br>14. 4<br>13<br>13. 6<br>20. 5<br>14. 6<br>14. 9<br>14. 2<br>19. 5<br>15. 8<br>14. 9<br>14. 1<br>19. 5<br>15. 8<br>14. 1<br>19. 5<br>16. 6   | 23. 7<br>20. 9<br>21. 2<br>24. 5<br>26. 5<br>22. 8<br>20. 6<br>22. 8<br>25. 8<br>26. 9<br>21. 5<br>25. 2<br>25. 2<br>26. 3<br>26. 3 | 18.5<br>17.6<br>16.2<br>16.3<br>17.3<br>19.4<br>17.3<br>18.2<br>17.8<br>17.8<br>17.8<br>17.8<br>17.8<br>17.8<br>17.8  | 24. 2?<br>20. 6<br>19. 5<br>21. 6<br>24<br>27. 2<br>26<br>21. 6<br>21. 6<br>22. 4<br>23. 8<br>24. 8<br>22. 4<br>22. 4<br>22. 2<br>24. 2<br>23. 2<br>23. 8<br>23. 8   | 19<br>17<br>15. 8<br>15. 6<br>16. 8<br>18. 4<br>19. 6<br>17. 2<br>16. 6<br>18. 4<br>18. 8<br>18. 6<br>17. 4<br>16. 2<br>17. 4<br>18. 4<br>17. 8  | 19. 8<br>19. 4<br>17. 4<br>20. 9<br>23. 9<br>21. 8<br>21. 8<br>21. 8<br>19. 9<br>22. 5<br>19. 6<br>19. 6<br>20. 6<br>20. 6<br>20. 6                   | 16.<br>13.<br>15.<br>15.<br>18.<br>16.<br>17.<br>17.<br>17.<br>17.<br>17.<br>16.<br>17.<br>17.<br>16.<br>16.<br>17.<br>17.<br>16.<br>16.<br>17.<br>17. |
| 5                 | 31.6<br>30.5<br>28<br>27.7<br>29.4<br>29.8<br>29.7<br>27.2<br>28.7<br>29.6<br>28.7<br>29.4<br>28.3<br>30.1<br>28.5<br>30.6<br>31.1<br>28   | 21. 8<br>21. 5<br>20<br>18. 6<br>19<br>20. 1<br>18. 5<br>19. 3<br>20. 6<br>19<br>20. 5<br>21. 5<br>21. 5<br>21. 5<br>21. 7<br>19. 4<br>17. 7<br>18. 4<br>17. 6          | 24. 6<br>22. 21. 4<br>23. 9. 2<br>24. 8. 8<br>25. 9. 1<br>26. 8<br>25. 6<br>26. 8<br>27. 1<br>26. 8<br>27. 1<br>26. 8<br>27. 25. 8<br>27. 24. 3<br>28. 25. 8<br>27. 24. 3<br>28. 25. 3<br>27. 24. 3<br>28. 3<br>29. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3   | 18.5<br>19.3<br>16.4<br>15.5<br>14.8<br>19.6<br>19.6<br>18.3<br>17.6<br>19.8<br>17.8<br>17.8<br>11.5<br>11.5<br>11.5<br>11.5<br>11.5<br>11.5<br>11.5<br>11   | 33. 7<br>29. 9<br>27. 4<br>29. 3<br>30. 5<br>32. 3<br>34. 5<br>32. 7<br>30. 5<br>33. 3<br>30. 6<br>32. 9<br>30. 4<br>30. 9<br>31. 9                | 17. 7<br>18. 5<br>14. 4<br>13. 6<br>17. 9<br>20. 5<br>14. 6<br>13. 8<br>14. 3<br>17. 2<br>19. 5<br>13. 1<br>13. 1<br>19. 6<br>16. 6   | 23. 7<br>20. 9<br>21. 2<br>24. 5<br>26. 5<br>20. 6<br>22. 8<br>20. 6<br>21. 5<br>20. 6<br>21. 5<br>20. 2<br>25. 9<br>21. 5<br>20. 2<br>21. 2<br>23. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>25. 2<br>26. 3<br>26. 3 | 18. 5<br>17. 6<br>16. 2<br>16. 2<br>16. 3<br>19. 3<br>19. 4<br>17. 3<br>18. 2<br>17. 4<br>19. 1<br>17. 3<br>19<br>19<br>19. 8<br>17. 8  | 24. 2?<br>20. 6<br>19. 5<br>21. 6<br>24. 2<br>26. 2<br>21. 6<br>22. 4<br>23. 8<br>24. 8<br>24. 8<br>22. 4<br>24. 2<br>24. 2<br>24. 2<br>23. 2<br>23. 8<br>23. 8<br>23. 8<br>23. 2  | 19<br>17<br>15. 8<br>15. 6<br>16. 8<br>19. 6<br>17. 2<br>16. 6<br>18. 4<br>18. 8<br>18. 6<br>20. 4<br>17. 8<br>18. 4<br>17. 8<br>17. 8<br>17. 8  | 19. 8<br>19. 4<br>17. 4<br>20. 9<br>23. 9<br>21. 8<br>21. 8<br>21. 5<br>19. 5<br>19. 6<br>21. 7<br>19. 6<br>20. 6<br>20. 6<br>22. 8                   | 16.<br>13.<br>15.<br>15.<br>18.<br>16.<br>17.<br>17.<br>17.<br>16.<br>15.<br>16.<br>17.<br>17.<br>16.  |
| 5                 | 31.6<br>30.5<br>28<br>27.7<br>29.4<br>29.7<br>27.2<br>26.6<br>28.7<br>29.6<br>28.7<br>29.4<br>28.3<br>28.6<br>30.1<br>28.6<br>30.6<br>31.1<br>28.5   | 21. 8<br>21. 5<br>20<br>18. 6<br>19. 20. 1<br>18. 5<br>19. 3<br>20. 5<br>21. 5<br>21. 5<br>21. 5<br>21. 5<br>21. 5<br>21. 5<br>21. 5<br>21. 5<br>20. 8<br>17. 6         | 24. 6<br>22. 21. 4<br>23. 9<br>24. 8<br>25. 8<br>26. 8<br>26. 3<br>26.  18. 5<br>19. 3<br>16. 4<br>15. 5<br>14. 8<br>19. 6<br>18. 3<br>17. 8<br>17. 6<br>16. 4<br>17. 5<br>18. 2<br>18. 3<br>17. 5<br>18. 3<br>16. 4<br>17. 5<br>18. 3<br>16. 4<br>17. 5<br>18. 3  | 33<br>32. 7<br>29. 9<br>27. 4<br>29. 3<br>30. 5<br>32. 3<br>34. 5<br>30. 5<br>33. 5<br>33. 5<br>30. 6<br>29. 8<br>30. 4<br>31. 9<br>31. 9<br>32. 4 | 17. 7<br>18. 5<br>14. 4<br>13. 6<br>17. 9<br>14. 9<br>14. 3<br>17. 5<br>14. 3<br>17. 5<br>18. 6<br>18. 8<br>19. 6<br>19. 6 | 23.79<br>20.92<br>21.22<br>24.55<br>26.58<br>20.62<br>22.25<br>23.88<br>26.39<br>21.5<br>20.25<br>21.6<br>22.25<br>21.6<br>22.25<br>21.6<br>22.25<br>21.25<br>22.25<br>23.25<br>24.2<br>25.3  | 18.5<br>17.6<br>16.2<br>16.3<br>17.3<br>19.4<br>17.8<br>18.2<br>17.8<br>17.8<br>19.8<br>17.8<br>19.8<br>17.8  | 24. 2?<br>20. 6<br>21. 6<br>21. 6<br>27. 2<br>26. 6<br>21. 6<br>22. 4<br>23. 8<br>26. 8<br>24. 8<br>22. 4<br>22. 2<br>24. 2<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>24. 8<br>25. 4<br>25. 8<br>26. 8<br>27. 2<br>26. 8<br>27. 2<br>26. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8 | 19<br>17<br>15. 8<br>15. 6<br>16. 8<br>20. 4<br>19. 6<br>17. 2<br>16. 6<br>18. 8<br>18. 8<br>17. 4<br>17. 4<br>18. 4<br>17. 8<br>17. 8   | 19. 8<br>19. 4<br>17. 4<br>20. 9<br>23. 7<br>23. 9<br>21. 8<br>21. 8<br>21. 8<br>21. 5<br>19. 6<br>21. 7<br>19. 6<br>20. 6<br>20. 6<br>22. 8<br>20. 3 | 16.<br>13.<br>15.<br>15.<br>18.<br>16.<br>17.<br>17.<br>17.<br>17.<br>17.<br>17.<br>16.<br>16.<br>17.<br>17.<br>16.<br>16.<br>17.<br>17.               |
| 5                 | 31. 6<br>30. 5<br>28<br>27. 7<br>29. 8<br>29. 7<br>27. 26. 6<br>28. 7<br>29. 4<br>20. 1<br>29. 4<br>28. 5<br>30. 1<br>28. 5<br>30. 6<br>28. 6 | 21. 8<br>21. 5<br>20<br>18. 6<br>19<br>20. 1<br>18. 5<br>20. 6<br>19<br>20. 5<br>21. 5<br>21. 5<br>21. 7<br>18. 4<br>17. 7<br>18. 4<br>17. 6<br>17. 6<br>17. 6<br>20. 5 | 24. 6<br>22. 21. 4<br>23. 2<br>21. 24. 2<br>26. 8<br>26. 9<br>26. 1<br>26. 8<br>26. 8<br>26. 8<br>27. 6<br>28. 8<br>27. 6<br>28. 8<br>21. 8<br>22. 8<br>25. 8<br>26. 8<br>26. 8<br>27. 8<br>26. 8<br>27. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>2   | 18.5<br>19.3<br>16.4<br>15.5<br>14.8<br>19.6<br>18.3<br>17.6<br>19.8<br>17.6<br>16.8<br>17.8<br>18.2<br>18.2<br>18.2<br>18.3<br>17.8<br>18.1<br>17.8<br>18.3<br>18.4<br>19.8<br>18.3<br>18.3<br>19.8<br>19.8<br>19.8<br>19.8<br>19.8<br>19.8<br>19.8<br>19.8 | 33. 7 29. 9 27. 4 29. 3 20. 5 32. 3 34. 5 32. 3 32. 4 30. 9 32. 4 34. 34. 34. 34. 34. 34. 34. 34. 34.  | 17. 7<br>18. 5<br>14. 4<br>13. 6<br>17. 9<br>20. 5<br>14. 6<br>13. 8<br>14. 3<br>17. 2<br>15. 8<br>13. 1<br>19. 6<br>15. 8<br>16. 6<br>15. 5<br>17. 5   | 23. 7<br>20. 2<br>21. 2<br>24. 5<br>26. 5<br>22. 8<br>26. 3<br>25. 9<br>21. 5<br>20. 2<br>23. 8<br>26. 3<br>25. 9<br>21. 5<br>22. 2<br>23. 2<br>24. 2<br>24. 5<br>25. 3<br>24. 4<br>24. 5<br>24. 5<br>25. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5 | 18. 5<br>17. 6 3<br>16. 2<br>16. 3<br>19. 3<br>19. 4<br>17. 3<br>19. 18. 2<br>17. 4<br>19. 18<br>17. 8<br>17. 8 | 24. 27<br>20. 6<br>19. 6<br>21. 6<br>27. 2<br>26. 22. 6<br>21. 6<br>22. 25. 4<br>26. 8<br>24. 8<br>22. 2<br>24. 2<br>23. 2<br>24. 2<br>23. 8<br>23. 4<br>25. 4   | 19<br>17<br>15. 8<br>16. 6<br>16. 8<br>18. 4<br>20. 4<br>19. 6<br>17. 2<br>16. 6<br>18. 8<br>18. 6<br>20. 4<br>17. 8<br>17. 4<br>17. 8<br>17. 8<br>18. 4<br>17. 8<br>17. 8<br>18. 4<br>17. 8<br>18. 4<br>19. 6<br>19. 6 | 19. 8<br>19. 4<br>17. 4<br>20. 9<br>23. 7<br>23. 9<br>21. 8<br>21. 8<br>21. 5<br>19. 6<br>21. 5<br>19. 6<br>20. 6<br>20. 6<br>20. 6<br>22. 8<br>20. 9 | 16.<br>13.<br>15.<br>15.<br>18.<br>18.<br>16.<br>17.<br>17.<br>17.<br>17.<br>17.<br>17.<br>16.<br>16.<br>17.<br>16.<br>16.<br>17.                      |
| 4                 | 31.6<br>30.5<br>28<br>27.7<br>29.4<br>29.7<br>27.2<br>26.6<br>28.7<br>29.6<br>28.7<br>29.4<br>28.3<br>28.6<br>30.1<br>28.6<br>30.6<br>31.1<br>28.5   | 21. 8<br>21. 5<br>20<br>18. 6<br>19. 20. 1<br>18. 5<br>19. 3<br>20. 5<br>21. 5<br>21. 5<br>21. 5<br>21. 5<br>21. 5<br>21. 5<br>21. 5<br>21. 5<br>20. 8<br>17. 6         | 24. 6<br>22. 21. 4<br>23. 9<br>24. 8<br>25. 8<br>26. 8<br>26. 3<br>26.  18. 5<br>19. 3<br>16. 4<br>15. 5<br>14. 8<br>19. 6<br>18. 3<br>17. 8<br>17. 6<br>16. 4<br>17. 5<br>18. 2<br>18. 3<br>17. 5<br>18. 3<br>16. 4<br>17. 5<br>18. 3<br>16. 4<br>17. 5<br>18. 3  | 33, 7, 29, 9, 27, 4, 29, 3, 5, 30, 5, 5, 32, 3, 5, 5, 32, 33, 5, 31, 7, 30, 6, 29, 8, 30, 4, 31, 9, 31, 9, 32, 4                                   | 17. 7<br>18. 5<br>14. 4<br>13. 6<br>17. 9<br>14. 9<br>14. 3<br>17. 5<br>14. 3<br>17. 5<br>18. 6<br>18. 8<br>19. 6<br>19. 6 | 23.79<br>20.92<br>21.22<br>24.55<br>26.58<br>20.62<br>22.25<br>23.88<br>26.39<br>21.5<br>20.25<br>21.6<br>22.25<br>21.6<br>22.25<br>21.6<br>22.25<br>21.25<br>22.25<br>23.25<br>24.2<br>25.3  | 18.5<br>17.6<br>16.2<br>16.3<br>17.3<br>19.4<br>17.8<br>18.2<br>17.8<br>17.8<br>19.8<br>17.8<br>19.8<br>17.8  | 24. 2?<br>20. 6<br>21. 6<br>21. 6<br>27. 2<br>26. 6<br>21. 6<br>22. 4<br>23. 8<br>26. 8<br>24. 8<br>22. 4<br>22. 2<br>24. 2<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>24. 8<br>25. 4<br>25. 8<br>26. 8<br>27. 2<br>26. 8<br>27. 2<br>26. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8 | 19<br>17<br>15. 8<br>15. 6<br>16. 8<br>20. 4<br>19. 6<br>17. 2<br>16. 6<br>18. 8<br>18. 8<br>17. 4<br>17. 4<br>18. 4<br>17. 8<br>17. 8   | 19. 8<br>19. 4<br>17. 4<br>20. 9<br>23. 7<br>23. 9<br>21. 8<br>21. 8<br>21. 8<br>21. 5<br>19. 6<br>21. 7<br>19. 6<br>20. 6<br>20. 6<br>22. 8<br>20. 3 | 16.<br>13.<br>15.<br>15.<br>18.<br>16.<br>17.<br>17.<br>17.<br>16.<br>15.<br>16.<br>17.<br>17.<br>16.  |

a The maximum temperatures of this station are not very reliable: they seem to be too high.

.

#### SEISMOLOGICAL BULLETIN FOR JANUARY, 1918.

By Rev. MIGUEL SADERRA MASÓ, S. J., Chief, Seismic and Magnetic Divisions, Weather Bureau.

#### EARTHQUAKES FELT IN THE PHILIPPINES.1

- 2, 23<sup>h</sup> 02<sup>m</sup> [3, 7<sup>h</sup> 02<sup>m</sup>]. Cabo Bojeador (NW Luzon). Earthquake shock of intensity IV, duration 6 seconds.
- 3, 13<sup>h</sup> 09<sup>m</sup> 06<sup>s</sup> \* [3, 21<sup>h</sup> 09<sup>m</sup> 06<sup>s</sup>]. **SW** Luzon and Mindoro. Earthquake of intensity V, felt through SW Luzon, Mindoro, Cuyo and Calamianes Islands, in a N-S extension of more than 500 kilometers. The origin lay at a distance of 160 kilometers from Manila probably between Mindoro and Busuanga Islands. It was recorded at Butuan, Mindanao, and Zikawei, China. Afterwards the seismographs of Manila registered twenty-seven disturbances originated at the same center. Fifteen on the said day 3d, ten on the 4th, one respectively on the 5th and on the 6th: not one of such aftershocks was reported as felt in Mindoro nor in Cuyo situated near to the origin.
- 4,  $17^h$   $38^m$   $36^s$  \* [5,  $1^h$   $38^m$   $36^s$ ]. Naga (SE Luzon). Earthquake shock of intensity III, duration 5 seconds.
- 7,  $18^h$   $49^m$   $07^s$  \* [8,  $2^h$   $49^m$   $07^s$ ]. Ambos Camarines (SE Luzon). Earthquake of intensity III, duration 3 seconds.
- 8, 6<sup>h</sup> 39<sup>m</sup> [8, 14<sup>h</sup> 39<sup>m</sup>]. Legaspi (SE Luzon). Oscillatory earthquake of intensity II-III, duration 2 seconds.
- 9, 11<sup>h</sup> 27<sup>m</sup> [9, 19<sup>h</sup> 27<sup>m</sup>]. Cotabato (SW Mindanao). Earthquake of intensity IV; recorded at Butuan. It originated east of Cotabato in the Pulangui river valley.
- 10, 12<sup>h</sup> 42<sup>m</sup> [10, 20<sup>h</sup> 42<sup>m</sup>]. Ormoc (W Leyte). Oscillatory earthquake, intensity III, duration 6 seconds.
- 15, 19<sup>h</sup> 22<sup>m</sup> 01<sup>s</sup> \* [16, 3<sup>h</sup> 22<sup>m</sup> 01<sup>s</sup>]. W Luzon. Earthquake of intensity IV felt along the western part of Luzon comprising the provinces of Ilocos Norte and Sur, La Union and the western portion of Pangasinan. Its origin was under the China Sea. At 1<sup>h</sup> 40<sup>m</sup> 10<sup>s</sup> \* on the 16th [9<sup>h</sup> 40<sup>m</sup> 10<sup>s</sup>] a repetition from the same origin was recorded at Manila and Baguio.
- 16,  $6^h$   $00^m$   $36^s$  \* [16,  $14^h$   $00^m$   $36^s$ ]. **SE Luzon**. Earthquake of intensity IV–V felt in the Catanduanes Island and the provinces of Albay and Sorsogon. The origin lay north of the entrance of the San Bernardino Strait. Recorded at Manila and Butuan.
- 17, 14<sup>h</sup> 05<sup>m</sup> [17, 22<sup>h</sup> 05<sup>m</sup>]. Ormoc (W Leyte). Oscillatory earthquake, direction W-E, intensity III, duration 7 seconds.
- 24,  $3^h$   $02^m$   $05^s$  \* [24,  $11^h$   $02^m$   $05^s$ ]. **E** Visayas and Mindanao. Earthquake of intensity IV–V, in the islands of Samar and Leyte and the NE part of Mindanao. Origin in the Philippine Deep, near to the parallel  $11^\circ$  N. It was also recorded at Zikawei Observatory, China.
- 30, 9<sup>h</sup> 13<sup>m</sup> [30, 17<sup>h</sup> 13<sup>m</sup>]. Legaspi (SE Luzon). Oscillatory earthquake, direction NW-SE, intensity III, duration 4 seconds.

¹ The intensity of earthquakes is given in the notation known as the Rossi-Forel scale. The time is that indicated by the seismographs at the Central Observatory whenever the disturbance has been registered by them. This fact is denoted by an asterisk (\*). Otherwise the time is that noted by the observer who sent the report. All time indications are in Greenwich mean time (midnight= $0^h$ ), insular time being added in brackets for the convenience of Philippine readers.

#### BULLETIN FOR JANUARY, 1918.

#### RECORDS OF THE MICROSEISMOGRAPH.

[Time: Greenwich mean. Midnight=0h. Instrument: Wiechert seismograph; 1,000 kilograms. A<sub>N:</sub> To=5.9,  $\epsilon$ =2.340,  $\frac{r}{T_{o}}$ =0.024; A<sub>E</sub>: To=5.3,  $\epsilon$ =1.783,  $\frac{r}{T_{o}}$ =0.092. Alluvium. 2.40 meters above sea level.]

|           |            |              | Phase.                           |                      |                |                     | Ampl                 | itude.   |  |
|-----------|------------|--------------|----------------------------------|----------------------|----------------|---------------------|----------------------|----------|--|
| No. Date. | Character. | Hour.        |                                  |                      | Period.        | A <sub>N</sub><br>μ | $\mathbf{A_E}$ $\mu$ | Remarks. |  |
| 1         | 2          | I+           | eP<br>F                          | h. m.<br>23 01<br>04 | 8.<br>58       |                     |                      |          |  |
| 2         | 3          | IIIv         | еP                               | 13 09                | 06             |                     |                      |          | SW Luzon and Mindoro. Maxima and end lost by the force of the shock. |
| 3         | 3          | I▼           | eP<br>F                          | 13 26<br>29          | 42             |                     |                      |          | Near Mindoro. From Vicentini seismograph.                            |
| 4         | 3          | I∗           | eP<br>F                          | 13 41                | 54             |                     | <br>                 |          | Near Mindoro. From Vicentini seismograph.                            |
| 5         | 3          | Ιv           | eР                               | 14 01                | 03             |                     |                      |          | From Vicentini seismograph.  |
| 6         | 3          | Ιτ           | F<br>eP                          | 14 40                | 04             |                     |                      |          | Near Mindoro. From Vicentini seismograph.                            |
| -         |            |              | F                                | 43                   | 40             |                     |                      |          | Near Mindoro. From Vicentini seismograph.                            |
| 7         | . 3        | II▼          | eP<br>L<br>M <sub>N</sub>        | 15 06<br>06<br>07    | 40<br>58<br>05 | 3                   | 419                  |          | Near Mindoro. From Vicentini seismograph.                            |
| 8         | 3          | Iv           | eP<br>F                          | 14<br>15 22<br>24    | 10             |                     |                      |          | Near Mindoro. From Vicentini seismograph.                            |
| 9         | 3          | I⋆           | eР                               | 16 08                | 25             |                     |                      |          | Near Mindoro. From Vicentini seismograph.                            |
| 10        | 3          | I▼           | eP<br>F                          | 17 18                | 24             |                     |                      |          | Near Mindoro. From Vicentini seismograph.                            |
| 11        | 3          | I.           | eР                               | 17 48                |                |                     |                      |          | Near Mindoro. From Vicentini seismograph.                            |
|           |            |              | M <sub>N</sub><br>F              | 48<br>49<br>54       | 49<br>38       | 3                   | 208                  |          |  |
| 12        | 3          | I▼           | eP<br>F                          | 18 02<br>05          | 44             |                     |                      | -        | Near Mindoro. From Vicentini seismograph.                            |
| 13        | 3          | I▼           | eP<br>F                          | 18 45<br>49          | 10             | •                   | -                    | -        | Near Mindoro. From Vicentini seismograph.                            |
| 14        | 3          | I▼           | eP<br>F                          | 19 18<br>20          | 02             |                     |                      |          | Near Mindoro. From Vicentini seismograph.                            |
| 15        | . 8        | ·Iv          | eP<br>F                          | 20 19<br>21          |                |                     | -                    | -        | Near Mindoro. From Vicentini seismograph.                            |
| 16        | 8          | II▼          | eP<br>L                          | 22 06<br>07          |                |                     | -                    | -        | Near Mindoro. From Vicentini seismograph.                            |
|           |            |              | M <sub>N</sub><br>M <sub>E</sub> | 07                   | 27             | 3                   | 1                    | 704      | -  |
|           |            |              | F                                | 16                   |                |                     | -                    |          | -  |
| 17        | 1          | B I▼         | eP<br>L                          | 22 31<br>31          | . 20           |                     |                      |          | Near Mindoro. From Vicentini seismograph.                            |
|           |            |              | M <sub>E</sub><br>F              | 31<br>36             |                | 8                   |                      | 195      | ?  |
| 18        | : :        | 3 Iv         | eP<br>F                          | 22 38<br>41          |                |                     |                      |          | Near Mindoro. From Vicentini seismograph.                            |
| 19        |            | 1 Iv         | eP<br>F                          | 1 19                 | ) 12           | 2                   |                      |          | Near Mindoro.  |
| 20        |            | 1 Iv         | eP<br>F                          | 1 48                 |                |                     |                      |          | Near Mindoro.  |
| 2         |            | 4 Iv         | eР                               | 3 41                 | 1 2            | 5                   |                      |          | Near Mindoro.  |
| 2:        | 2          | 4 Iv         | eP<br>F                          | 6 13                 | 3 0            | 3                   |                      |          | Near Mindoro.  |
| 2         | 3          | 4 Iv         | eP<br>F                          | 6 22                 |                | 0                   | -                    | -        | Near Mindoro.  |
| 2         | 1          | 4 I•         | eP<br>F                          | 7 1                  | 1 0            | 0                   |                      |          | Near Mindoro.  |
| 2         | 5          | 4 Iv         | eP<br>F.                         | 7 54                 |                | 2                   |                      |          | Near Mindoro.  |
| 2         |            | 4 I <b>▼</b> | eP<br>F                          | 11 2                 |                |                     |                      |          | Near Mindoro.  |

#### SEISMOLOGICAL BULLETIN.

#### Records of the microseismograph—Continued.

|     | No. Date. Chara |      |  |                                     |          | Ampl                | itude.               |  |
|-----|-----------------|------|--|-------------------------------------|----------|---------------------|----------------------|--|
| No. |                 |      | Phase.   | Hour.                               | Period.  | A <sub>N</sub><br>μ | $\mathbf{A_E}$ $\mu$ | Remarks.   |
| 27  | 4               | Ιv   | eP<br>F  | h. m. s.<br>14 49 21<br>51          |          |                     |                      | Near Mindoro.  |
| 28  | 4               | Ir   | e<br>F   | 15 56 22<br>16 21                   |          |                     |                      |  |
| 29  | 4               | I▼   | eP<br>F  | 17 38 36<br>42                      |          |                     |                      | Naga (SE Luzon).   |
| 30  | 4               | Ιv   | $\begin{array}{c} \mathbf{eP} \\ \mathbf{L} \\ \mathbf{M_N} \\ \mathbf{F} \end{array}$ | 19 58 33<br>58 51<br>58 55<br>20 02 | 3        | 65                  |                      | Near Mindoro.  |
| 31  | 5               | I    | e<br>F   | 13 45<br>14 02                      |          |                     |                      |  |
| 32  | 5               | Ιv   | eP<br>F  | 14 17 08<br>19                      |          |                     |                      | Near Mindoro.  |
| 33  | 5               | I▼   | eP<br>F  | 23 23 10<br>26                      |          |                     |                      |  |
| 34  | . 6             | I▼   | eP<br>F  | 1 45 43<br>48                       |          |                     |                      | Near Mindoro.  |
| 35  | 7               | I▼   | eP<br>F  | 18 49 07<br>52                      |          |                     |                      | Ambos Camarines (SE Luzon).  |
| 36  | 10              | I▼   | eP<br>F  | 9 52 22<br>54                       |          |                     |                      |  |
| 37  | 10              | Ιv   | eP<br>F  | 13 09 28<br>11                      |          |                     |                      |  |
| 38  | 12              | I▼   | eP<br>F  | 10 35 45<br>38                      |          |                     |                      |  |
| 39  | 12              | Ιv   | eP .<br>F  | 18 51 40<br>53                      |          |                     |                      |  |
| 40  | 12              | Ιv   | eP<br>F  | 19 01 00<br>04                      |          |                     |                      |  |
| 41  | 15              | Ir   | eP<br>S<br>L   | 15 31 50<br>35 12<br>37 23          |          |                     |                      |  |
|     |                 |      | M <sub>N</sub><br>M <sub>E</sub><br>F  | 37 49<br>38 27<br>16 17             | 14<br>11 | 11                  | 14                   |  |
| 42  | 15              | II▼  | eP<br>L<br><b>M</b> <sub>N</sub><br>F  | 19 22 01<br>22 32<br>22 35<br>37    | 3        | 545                 |                      | W Luzon. Maxima and end in E-W component lost by the force of the shock. |
| 43  | 16              | Ιν   | eP<br>L  | 1 40 10<br>40 41                    |          |                     |                      |  |
|     |                 |      | M <sub>N</sub><br>F  | 40 46<br>47                         | 3        | 80                  |                      |  |
| 44  | 16              | I•   | eP<br>F  | 2 37 08<br>45                       |          |                     | ĺ                    |  |
| 45  | 16              | IIv  | $^{ m eP}_{ m L} \ { m M}_{ m N} \ { m M}_{ m E}$                                      | 6 00 36<br>01 15<br>01 48<br>01 54  | 4 3      | 121                 |                      | SE Luzon.  |
| 46  | 16              | Ιν   | F  | 18                                  |          | -                   |                      |  |
| 47  | 16              | Iv   | eP<br>F<br>eP  | 11 03 15 04 37                      |          | -                   |                      |  |
| 48  | 17              | Iv   | eP<br>F<br>eP  | 08<br>7 11 32                       |          | -                   |                      |  |
| 49  | 18              | Ir   | eP<br>F  | 10 40 36                            |          |                     |                      |  |
| *3  | 10              | ar . | e<br>L<br>F  | 10 40 50<br>42 52<br>11 03          |          |                     |                      |  |
| 50  | 18              | I▼   | eP<br>F  | 15 50 51<br>53                      |          |                     |                      |  |
| 51  | 18              | I⋆   | eP<br>F  | 20 02 38<br>05                      |          |                     |                      |  |

#### BULLETIN FOR JANUARY, 1918.

#### ${\it Records \ of \ the \ microseismograph} \hbox{---} Continued.$

|     |           |            |   |         |   |                      | Ampl    | itude.              |                        |                         |
|-----|-----------|------------|---|---------|---|----------------------|---------|---------------------|------------------------|-------------------------|
| No. | No. Date. | Character. | Phase.  | Hour.   |   |                      | Period. | Α <sub>N</sub><br>μ | $A_{\mathbf{E}}$ $\mu$ | Remarks.                |
| 52  | 19        | Iv         | eP<br>F   | h.<br>3 | m.<br>03<br>06                          | s.<br>46             |         |                     |                        | •                       |
| 53  | 21        | Ir         | eP<br>S<br>L<br>M <sub>N</sub>  | 19      | 53                                      | 00<br>37<br>11<br>51 | 11      | 65                  |                        |                         |
|     |           |            | $\mathbf{^{M_E}_F}$   | 21      | 57<br>06                                | 54                   | 10      |                     | 54                     |                         |
| 54  | 22        | Iv         | eP<br>F   | 1       | $\frac{35}{39}$                         | 06                   |         |                     |                        |                         |
| 55  | 22        | Iv         | $_{\mathbf{F}}^{\mathbf{eP}}$   | 1       | 40<br>44                                | 20                   |         |                     |                        |                         |
| 56  | 23        | Iv         | eP<br>F   | 18      | 14<br>17                                | 38                   |         |                     |                        |                         |
| 57  | 24        | Iv         | $_{\mathbf{L}}^{\mathbf{eP}}$ $\mathbf{M_{N}}$                        | 3       | $\frac{03}{03}$                         | 05<br>36<br>46       | 7       | 77                  |                        | E Visayas and Mindanao. |
|     |           |            | $_{ m F}^{ m M_{ m E}}$   |         | $\begin{array}{c} 03 \\ 15 \end{array}$ | <b>5</b> 8           | 5       |                     | 59<br>                 |                         |
| 58  | 25        | Ιv         | eP<br>F   | 20      | 43<br>45                                | 02                   |         |                     |                        |                         |
| 59  | 27        | Iv         | eP<br>F   | 0       | 30<br>33                                | 24                   |         |                     |                        |                         |
| 60  | 29        | Ιv         | eP<br>L<br>M <sub>E</sub><br>M <sub>N</sub>                           | 3       | 54                                      | 22<br>16<br>32<br>52 | 4 5     | 33                  | 39                     |                         |
| 61  | 29        | Iv         | F<br>eP<br>F  | 13      | 38<br>42                                | 46                   |         |                     |                        |                         |
| 62  | 30        | IIIr       | i<br>iS<br>iL   | 21      | 24<br>29<br>32                          | 44<br>44<br>29       |         |                     |                        |                         |
|     |           |            | $egin{array}{c} \mathbf{M_N} \ \mathbf{M_E} \ \mathbf{F} \end{array}$ | 22      |   | 30<br>32             | 6       | 1, 121              | 603                    |                         |

#### TEMBLORES DE TIERRA SENTIDOS EN FILIPINAS.1

- 2, 23<sup>h</sup> 02<sup>m</sup> [3, 7<sup>h</sup> 02<sup>m</sup>]. Cabo Bojeador (NW de Luzón). Temblor de tierra de intensidad IV, duración 6 segundos.
- 3, 13<sup>h</sup> 09<sup>m</sup> 06<sup>s</sup> \* [3, 21<sup>h</sup> 09<sup>m</sup> 06<sup>s</sup>]. **SW** de Luzón y Mindoro. Temblor de tierra de intensidad V, sentido en la parte SW de Luzón, en toda la Isla de Mindoro y en los grupos de Cuyo y Calamianes, que representan una extensión de más de 500 kilómetros en dirección N-S. El origen se hallaba a 160 kilómetros de Manila, probablemente entre las Islas de Mindoro y Busuanga. Registrólo el sismógrafo de Butúan (Mindanao) y el de Zikawei (China). Después de este temblor los sismógrafos de Manila registraron 27 réplicas originadas en el mismo centro; 15 de ellas durante dicho día 3, 10 el día 4, una el 5 y otra el 6; no se sabe que alguna de ellas fuese perceptible en las Islas de Mindoro y Cuyo más cercanas al epicentro.
- 4,  $17^h$   $38^m$   $36^s$  \* [5,  $1^h$   $38^m$   $36^s$ ]. Naga (SE de Luzón). Temblor de tierra de intensidad III, duración 5 segundos.
- 7, 18<sup>h</sup> 49<sup>m</sup> 07<sup>s</sup> \* [8, 2<sup>h</sup> 49<sup>m</sup> 07<sup>s</sup>]. Ambos Camarines (SE de Luzón). Temblor de tierra de intensidad III, duración 3 segundos.
- 8, 6<sup>h</sup> 39<sup>m</sup> [8, 14<sup>h</sup> 39<sup>m</sup>]. Legaspi (SE de Luzón). Temblor oscilatorio, intensidad II-III, duración 2 segundos.
- 9, 11<sup>h</sup> 27<sup>m</sup> [9, 19<sup>h</sup> 27<sup>m</sup>]. Cotabato (SW de Mindanao). Temblor de tierra de intensidad IV; registrado en Butúan. El origen se hallaba hacia el E de Cotabato en el valle del río Pulangui.
- 10, 12<sup>h</sup> 42<sup>m</sup> [10, 20<sup>h</sup> 42<sup>m</sup>]. Ormoc (W de Leyte). Temblor oscilatorio, intensidad III, duración 6 segundos.
- 15, 19<sup>h</sup> 22<sup>m</sup> 01<sup>s</sup> \* [16, 3<sup>h</sup> 22<sup>m</sup> 01<sup>s</sup>]. W de Luzón. Temblor de tierra de intensidad IV, sentido a lo largo de la parte occidental de Luzón que comprende las Provincias de Ilocos, La Unión y parte W de Pangasinán. El origen se hallaba en el Mar de la China. A 1<sup>h</sup> 40<sup>m</sup> 10<sup>s</sup> \* del 16 [9<sup>h</sup> 40<sup>m</sup> 10<sup>s</sup>] los sismógrafos de Manila y de Baguio registraron una réplica originada en el mismo lugar.
- 16, 6<sup>h</sup> 00<sup>m</sup> 36<sup>s</sup> \* [16, 14<sup>h</sup> 00<sup>m</sup> 36<sup>s</sup>]. **SE** de Luzón. Temblor de tierra de intensidad IV en la Isla de Catanduanes y en las Provincias de Albay y Sorsogón; el epicentro se hallaba en la parte N de la entrada del Estrecho de San Bernardino. Registróse también en Butúan (Mindanao).
- 17, 14<sup>h</sup> 05<sup>m</sup> [17, 22<sup>h</sup> 05<sup>m</sup>]. Ormoc (W de Leyte). Temblor oscilatorio, dirección W-E, intensidad III, duración 7 segundos.
- 24, 3<sup>h</sup> 02<sup>m</sup> 05<sup>s</sup> \* [24, 11<sup>h</sup> 02<sup>m</sup> 05<sup>s</sup>]. E de Visayas y Mindanao. Temblor de tierra de intensidad IV-V sentido en las Islas de Sámar, Leyte y parte NE de Mindanao, originóse en el Abismo del Pacífico cerca del paralelo 11° N. Registrado en el Observatorio de Zikawei (China).
- $30, 9^h 13^m$  [30,  $17^h 13^m$ ]. Legaspi (SE de Luzón). Temblor oscilatorio, dirección NW-SE, intensidad III, duración 4 segundos.

La intensidad de los terremotos se indica conforme a la conocida escala de Rossi-Forel. Cuanto a la hora de su ocurrencia, adoptamos la indicada por los sismógrafos de este Observatorio siempre que los hayan registrado, distinguiéndola por medio de un asterisco (\*). En caso contrario copiamos la apuntada por los observadores que nos envían las notas. Todas las indicaciones del tiempo se refieren al tiempo medio de Greenwich (medianoche=0<sup>h</sup>). Para conveniencia de los lectores de Filipinas se añade también el tiempo insular.

-• •

CAIN OF MICH.

THE GOVERNMENT OF THE PHILIPPINE ISLANDS

# WEATHER BUREAU

MANILA CENTRAL OBSERVATORY

## BULLETIN FOR FEBRUARY, 1918

PREPARED UNDER THE DIRECTION OF
REV. JOSÉ ALGUÉ, S. J.
DIRECTOR OF THE WEATHER BUREAU

MANILA BUREAU OF PRINTING 1918

|  | 보통한 회원님은 나를 모습니다.   |  |   |
|--|---|--|---|
|  |   | 나를 통통하는 경우 하루 때 그리   |   |
| 그렇다는 경찰하는 이번 말하다 말로 하는데 하는   | 원래 시민 내가 얼마 경기와 되어  |  |   |
| 대통령을 하고 사용하는 경기 등이 하는 다음   |   |  |   |
| 고양을 밝혀 없는 밤으로 가를 하게 되는 다.  |   |  |   |
|  |   |  |   |
| [25] [15] [25] [25] [25] [25] [25] [25] [25] [2  |   |  | 의 사용으로 보고 있다. 그리고 말이 들려고<br>하고 있는 것이 되는 것이 되었다.   |
| 공기장 경화를 갖게 한다면 하다고 살았다고 있다.  | 기계의 시교관가 노릇을 바라고  |  |   |
|  |   | 이글라스 환경 하는 사람이다.   |   |
| 이 보고 있는 것 같아. 이 경기 회사에 하게 되었어 됩니다. 이 가장 하는데 보다 되었다.<br>  |   |  |   |
| 요. 제 성원 및 및 경소를 만난다고 있다. 그   | 들이 이번 때 하는 얼룩을 다.   |  |   |
| 하고요 이 전환, 맛있는 사람이 가능하다 했다.   |   |  | 그리는 말이 없다는 얼마를 하는데 하다면 있다.  |
| 그렇게 다른 하는 이 아이를 하는데 하는데 없는데 없는데 없다.  |   |  | 이 노크로 얼마라 있다면 얼마를 바꾸다고  |
| 스 마시를 수입되었다. 그 사람들은 이 그 사이를 하고 있다.<br>   |   |  | 도로 가장하다 그 사람들은 중에 가지 않아 다음이 다른다.<br>교육도 사람들은 교육 사람들은 전 전 시간을 다른 기가 있다.  |
|  |   |  |   |
| 그렇게 화가 되었다는 것 같은 그리고 있다.   |   |  |   |
|  |   | 고일 등 보기 그래 막지나는 발표하다   |   |
| 시설하다 됐다면 하루 아이를 하는데 하다.  | 나를 하는 소설을 되고 계속을  |  | 요즘 얼마를 잃었다는 이번 경이를 하겠다.   |
|  |   |  | [전기·경기: 18] 18 1 - 18 1 - 18 1 - 18 1 - 18 1 - 18 1 - 18 1 - 18 1 - 18 1 - 18 1 - 18 1 - 18 1 - 18 1 - 18 1 - |
| 물론 경험 회장 무슨데 보안한다니 그 이렇지 않는  |   |  |   |
|  |   |  |   |
| 이번 하다는 사람이 살아 되는 때 그리고 하다.   |   |  |   |
| 보고 있다. 그렇게 막게 돌아가다. 이 나들다.   |   |  |   |
| 아내리 하면 얼마나 되는데 하는데 얼마를 받았다.  |   |  |   |
|  |   | 가는 기업을 하는 것으로 가장하는 것이 같습니다.<br>2017년 대한 1일 기업을 보고 있는 것이 되었다.   |   |
| 그 사용 마음에 다 가는 것이 말해 보이지 않는 것이 되었다.<br>물로 기를 하는 것이 되었다는 것, 사용하였다. 그래픽 이 점점이 되었다.  |   |  |   |
|  |   | 현존에 있는 하는 사람이 가능하는 것이다.<br>사람이 가능하는 사람이 하는 것이다.  | 그는 하는 모양을 들어 지다셨다.  |
| [발송][[기다] 사람들은 [[기다] [[기다] [[기다]   |   |  | 보고 마음하다 다니다 사용하는 것이   |
| 이 등을 즐고움 없이 이 경기를 보고 하고 하는데, 그 사람들이 하고 있다.<br>물병을 보고 하일 것이 되었다. 그런 그렇게 그렇게 들어 보고 있는데 그 모든  |   |  |   |
| . 사람이 없는 공연하는 것으로 가입니다. 보인 2   |   |  |   |
| 교육의 교육의 발표되는 발표 기존에 다른 것이 있다. (~)<br>교육의 교육  |   | 물레 맞는 사람들이 모든 것.   | 하게 살이다고 가입다 취꾸 없는데  |
| 사물 본 마이 선생님들의 얼마 이는 그 마이를 만들었다.  |   | 그러워 교통하고 첫 그리는 그   | 이 병과 나님, 동안 모양되는 얼마를 하네다  |
| 도 하는 것이 되면 하는 것이 되었다. 그런 그런 그런 그런 그런 것이 되었다.<br>소요한 요요요요 그런 것이 되었다. 그런 그런 그런 그런 그런 것이 되었다.   |   |  |   |
| 경기를 선생하여 다른 생물로 가는 경기를 받는 사람이 함께 들어 있다. 함께<br>있다면 설계에 선물로 가능하게 되는 것 같습니다. 그는 사람이 되는 것 같습니다.  |   |  | 이 많이 마음이라 나무를 가고 있다.  |
| 게 하는 것이 있는데 가장 하는 것이 되었다는데 되었다.<br>19 1일 : 10 1일 : 10 1일 : 10 1일 : 10 1일 : 10 1일 : 10 1일 : 10 1일 : 10 1일 : 10 1일 : 10 1일 : 10 1일 : 10 1일 : 10 1일   |   |  | 영화는 그로 생각하게 얼마를하면 하고 바로를 찾다.  |
| # 2000년 전 12일 전 12일 12일 12일 12일 12일 12일 12일 12일 12일 12일  |   |  | 그 후 교육의 맛이 되었다면 하다 그를 쌓였다.  |
| 내용하다 그리는 사람이 들었는 생생들이 모르겠다니다.  |   |  |   |
| 왕이를 발표하는 당시 등에 이 되는 생물이 되었다.<br>보다면 하는 사람들이 되었다.   |   | 하는 얼마의 여름을 잃어 있었다.   |   |
|  |   | 사람들은 보고 생각해서 함께 다음<br>사람들은 보고 생각하다면 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데                                    | 기반시작 이 기가 되고 그 경험을 받는 밤   |
|  |   |  |   |
|  | 왕이 아이들의 아이들의 아이들의 아이들의 아이들의 아이들의 아이들의 아이들                       | [16] 발생시키시에 발생시키시 (16) 발생시키시 (16) 발생시키시 (16) 발생시키시 (16) 발생시키시 (16) 발생시키시 (16) 발생시키시 (16) 발생시키시 (16) 발생시키시 (16) |   |
| 하는 경우 경우 사람이 아이들이 되었다. 그 사람들은 사람들이 되었다.<br>사람들은 경우 사용 수가 있는 것이 되었다. 그 사용을 보다 보고를 하는 것이다.   |   |  |   |
| 사람이 얼마 아니는 그 아니라 얼마나 나는 나다.  | 보인 본 중요일 얼마 하시나의 아  |  |   |
|  |   |  |   |
|  |   |  | 보이는 경험 사용이 모든 아니다. 그리다  |
| 보통하다 모하고 있다. 나는 하나 그리 얼마나라요?   |   | [편집] [1]   |   |
| [[[마이]] : [[[마이]] [[[마이]] [[[마이]] [[[[마이]] [[[[[[[]]] [[[[[[[]]] [[[[[]] [[[[[]] [[[[]] [[[[]] [[[[[]] [[[[]] [[[[]] [[[[]] [[[]] [[[[]] [[[[]] [[[]] [[[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[[]] [[]] [[[]] [[]] [[[]] [[[]] [[]] [[]] [[[]] [[[]] [[]] [[]] [[[]] [[]] [[]] [[[]] [[]] [[]] [[]] [[[]] [[]] [[]] [[]] [[[]] [[] |   |  |   |
| 그리면 관련을 받는 하시다면 얼마나다   | 이번 경험 기가 있는 일이 되었다.   |  |   |
|  |   | 시골된 시간 시 분하면 된 경기  |   |
| 되고하고 하다를 다시 그렇게 되는 해보는   |   |  |   |
| 사람이 살아 그렇게 있다고 하는데 다른 아들의 문학   |   |  |   |
| 물이 살 됐는데까 하다 나는 그리다는 그동  |   |  |   |
| 도 많이 있는 홍차 하는데 보고 있는데 그는 그를 받았다.<br>그 사람들은 사람들은 사람들은 사람들은 사람들이 되었다.  | 하는 것이 되는 사람들이 살려냈다. 이 이 그림을 하였<br>2 그렇게 되는 것이 되었다. 그리고 이 하는 것   |  | 그는 경계 중요 그림 보고 있다면 가를 잃었다. 그 그  |
| 발표를 하다면 경우를 하시라면 그렇게 되고 말했다.   | 로마를 되었다면 악시 (1945년)   |  |   |
| 발생하다는 발표하는 이번 그 바쁜 그리 생기를 받았다.   | 가게하게 많아 다시를 다꾸어 되어 가는 것이 된다.<br>지어 교육이 있습니다 하는 것이 되어 집합하다. 것이다. |  | 함께는 집중을 하는 아름아왔다. '얼룩하네'  |
| 살았다면 하면 되었다는 하는 그는 말로 나니다.   |   |  |   |
|  |   |  |   |
| 물이 1925 이 역을 이 많은 경험 모양을 하는다.  |   |  |   |
|  |   |  |   |
| 그 사람들이 변경상속의 관광화회에서  |   |  |   |
|  |   |  |   |
|  |   |  |   |
| 실점하다 나는 다른 경찰을 하다는 그렇지 않아 없는 것이 나는 사람들이 모양하다 되는 것이다. 그는 것은   |   |  |   |

# METEOROLOGICAL BULLETIN FOR FEBRUARY, 1918.

By Rev. José Coronas, S. J., Chief, Meteorological Division of the Weather Bureau.

#### GENERAL WEATHER NOTES.

Pressure and temperature.—The mean atmospheric pressure for this month is slightly higher than that of the preceding year, particularly in northern Luzon. Yet it is generally below the normal with the exception of a few stations in the northern part of Luzon. The highest pressures of the month were generally observed on the 24th, and the lowest on the 5th to 7th.

The mean monthly temperature is lower than the February's normal throughout the Philippines, the differences being greater than 1° C. in nine of our first and second class stations. The absolute maximum and minimum temperatures for Manila were 32.3° C. on the 4th, and 15.7° C. on the 24th. The extreme temperatures for Baguio were 25.2° C., 8.4° C. on the top of Mirador, and 25.8° C., 8.0° C. in the valley.

PRESSURE AND TEMPERATURE AT THE FIRST AND SECOND CLASS STATIONS FOR FEBRUARY, 1918.

| •   |  |  | P  | ressure.  | •   |   |                        |   |  | Т  | emperat   | ure.  |   | •  |
|---|--|--|--|---|---|---|------------------------|---|--|--|---|---|---|--|
| Stațion.  | Mean.  | Departure<br>from<br>Feb.,<br>1917.  | Departure from normal.   | High-<br>est<br>mean.   | Day.  | Low-<br>est<br>mean.  | Day.                   | Mean.   | Departure<br>from<br>Feb.,<br>1917.        | Departure from normal.                   | High-<br>est.   | Day.  | Low-<br>est.  | Day.   |
| Zamboanga Tagbilaran Surigao Cebu Iloilo Tacloban Capiz Calbayog Legaspi Atimonan Ambulong, Tanauan Paracale Manila San Isidro Dagupan Suguan Vigan Tuguegarao Laoag Aparri | mm. 758. 75 59. 25 59. 43 59. 43 59. 61 59. 83 60. 21 60. 07 60. 72 61. 40 60. 45 61. 47 60. 93 61. 34 60. 31 760. 58 62. 76 60. 88 63. 25 | mm.<br>+0.09<br>01<br>+.09<br>+.111<br>+.37<br>+.22<br>+.27<br>+.135<br>+.35<br>+.46<br>+.43<br>+.46<br>+.56<br>+.56<br>+.56<br>+.40<br>+.44<br>+.44<br>+.81 | mm0.56 -37 -54 -38 -40 -55 -23 -17 +.17 -29 +.10 -41 -23 -27 +.83 +.69 | mm. 760. 69 61. 53 61. 69 61. 67 61. 94 61. 83 62. 67 62. 02 62. 85 63. 67 62. 63 63. 76 63. 98 762. 62 65. 26 65. 26 | 24<br>24<br>24<br>24<br>24<br>24<br>24<br>24<br>24<br>24<br>24<br>24<br>24<br>2 | mm.<br>7566. 90<br>57. 25<br>57. 69<br>57. 69<br>57. 61<br>57. 61<br>57. 71<br>57. 79<br>58. 12<br>57. 58<br>58. 25<br>58. 40<br>57. 73<br>685. 22<br>758. 28<br>58. 23<br>58. 23<br>58. 24<br>58. 24<br>58. 24<br>58. 24<br>58. 24<br>58. 24<br>58. 24<br>58. 24<br>58. 24<br>58. 25 | 7777666666666665755555 | °C. 25.4 25 25 25.8 24.8 24.3 24.8 23.8 24.5 23.7 23.9 24.1 24.9 15.4 25.2 21.6 | °C0.7168 -1.18 -1.18 -1.21.271.158 -141.55 | °C.  -0.6429 -1.31 -1.7 -1.38 -1.36 -2.2 | °C. 31.6 31.7 31.2 30.8 32.7 31.5 30.6 31.4 30.2 29 34.3 28.8 32.3 34.1 35.2 25.2 32.2 33.8 | 8 5 7 7 5, 26 6 6 4 27 6 5 15 14 4 15 27 16 4, 27 | °C. 20. 2 18. 6 20. 9 20. 8 20. 2 19. 6 19. 8 17. 4 19 19. 5 17. 5 18. 8 4 18 14. 6 12. 5 14. 8 | 24<br>23<br>23<br>24<br>24<br>24<br>22<br>23<br>23<br>22<br>19, 20<br>24<br>24<br>27<br>19<br>24<br>24<br>24<br>24<br>25<br>25<br>26<br>27<br>27<br>28<br>29<br>29<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20 |

a The barometric readings of this station are not reduced to sea level.

Rainfall.—The rains have continued being rather abundant this month in the Visayas and Mindanao, the monthly rainfall for those regions being both above the normal and above the monthly total for February, 1917. As for Luzon, the number of stations giving a total amount of rainfall greater than the normal almost equalls the number of those giving a smaller amount.

RAINFALL AT VARIOUS STATIONS OF THE WEATHER BUREAU DURING THE MONTH OF FEBRUARY, 1918.

| Station.  | Total.                     | Departure from<br>Feb., 1917.  | Departure from normal.   | Days of rain.   | Departure from<br>Feb., 1917.                                       | Greatestrainfall in a single day. | Day.  | Station.  | Total.   | Departure from<br>Féb., 1917.   | Departure from<br>normal.   | Days of rain.   | Departure from<br>Feb., 1917. | Greatest rainfall<br>in a single day.   | Day.  |
|---|----------------------------|--|--|---|---|-----------------------------------|---|---|--|---|---|---|-------------------------------|---|---|
| Jolo Isabela, Basilan Zamboanga Davao Cotabato Cagayan, Misamis Dapitan Butuan Mambajao Dumaguete Yap, W. Carolines Tagbilaran Iwahig Surigao Maasin Cebu Iloilo San Jose Buenavista Cuyo Ormoc Guiuan Tacloban Capiz Borongan Catbalogan | 238. 4<br>145. 6<br>124. 1 | $\begin{array}{c} -44 \\ +193.2 \\ \hline 00000000000000000000000000000000000$ | + 70. 2<br>+ 3. 3<br>+ 61. 4<br>+ 231. 7<br>+ 74. 9<br>- 54. 6<br>+ 61. 8<br>+ 39. 6<br>+ 32. 4<br>+ 18<br>+ 30. 7<br>- 7. 5<br>+ 177. 3<br>+ 232. 7<br>+ 26<br>+ 487. 6<br>+ 162. 3<br>+ 68 | 13<br>12<br>11<br>15<br>22<br>23<br>12<br>15<br>20<br>8<br>11<br>5<br>9<br>4<br>4<br>23<br>22<br>22<br>22<br>22<br>22<br>22<br>22<br>22<br>22<br>22<br>22<br>22 | $ \begin{array}{r}  - 4 \\  0 \\  + 4 \\  \hline  - 2 \end{array} $ | 46. 5                             | 2 2 3 10 4 2 112 12 12 12 12 12 12 12 12 12 12 12 | Calapan Virac Naga Batangas Lucena Atimonan Ambulong, Tanauan Canlubang, Calamba Paracale Santa Cruz, Laguna Manila Antipolo Iba San Isidro Tarlac Baler Dagupan Baler Dagupan Baguio San Fernando, Union Echagüe | 12.5<br>64.2<br>171.9<br>9.5<br>295.4<br>12.3<br>13.4<br>1.3<br>17.8<br>63.6<br>63.6<br>63.6<br>1.3<br>28.1<br>92.3<br>7.9 | -333.5 -32.2 +4.8 -13.2 +4.8 -13.7 -477.1 +.6 -5.2 -477.1 +.16 -5.2 -1.3 +.17 -86.8 -25.9 +.17 -86.8 -13.5 -13.5 +2.5 | 2 73.5<br>+ 2.1<br>- 7.3<br>+ 53.4<br>+ 53.4<br>- 4.1<br>+ 6.1<br>- 10.1<br>+ 34.8<br>- 75.5<br>- 18.7<br>- 10.1<br>+ 4.6<br>- 7.3<br>+ 8.1<br>+ 6.3<br>- 7.3<br>+ 6.3<br>- 7.3<br>+ 6.3<br>- 7.3<br>+ 6.3<br>- 7.3<br>+ 6.3<br>- 7.3<br>+ 6.3<br>- 7.3<br>- 7. | 19<br>15<br>5<br>8<br>21<br>4<br>7<br>25<br>6<br>2<br>2<br>2<br>2<br>2<br>11<br>1<br>1<br>2<br>4<br>6<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1 | $-\frac{1}{2}$                | 35. 3<br>6. 6<br>12. 7<br>22. 6<br>3. 1<br>3. 8<br>45. 7<br>5. 6<br>1. 3<br>10. 4<br>. 8<br>12. 7<br>17 | 19 25 12 12 25 14 16 3 15 17 0 16 17 16 17 15 14 15 14 15 14 15 14 15 |

#### DEPRESSIONS AND TYPHOONS.

As it is always the case in February, the Philippines have been free from real cyclonic centers during the month. Only a very shallow depression or low-pressure area seems to have been noticed near the Balintang Channel on the 4th, moving eastward on the 4th and 5th, and then inclining northward on the 6th near 130° longitude E.

Farther to the N a low-pressure area appeared in our weather maps to the NE of Formosa on the 4th and 5th, moving eastward. While in the Pacific it developed into a real depression, its center passing to the N of the Bonins on the 6th moving ENE.

#### NOTAS GENERALES DEL TIEMPO.

Presión y temperatura.—La presión atmosférica media de este mes es algo mayor que la del año pasado, particularmente en el N de Luzón. Sin embargo, es generalmente inferior a la normal, a excepción de unas cuantas estaciones en la parte N de Luzón. Las presiones más altas del mes se observaron generalmente el día 24, y las más bajas del 5 al 7.

La temperatura media mensual es más baja que la normal de febrero en todo Filipinas, siendo las diferencias mayores de 1° C. en nueve de nuestras estaciones de primera y segunda clase. Las máximas y mínimas absolutas en Manila fueron 32.3° C. y 15.7° C. observadas los días 4 y 24 respectivamente. Las temperaturas extremas en Baguio fueron 25.2° C., 8.4° C. en la cumbre del Mirador, y 25.8° C., 8.0° C. en el valle.

Precipitación acuosa.—Las lluvias han continuado siendo abundantes este mes en Visayas y Mindanao, habiendo superado la lluvia mensual de dichas regiones tanto a la normal como al total mensual de febrero, 1917. Con respecto a la Isla de Luzón, el número de estaciones que dan un total de lluvia mayor que la normal casi es igual al número de las que arrojan una cantidad menor.

#### DEPRESIONES Y TIFONES.

Como suele ocurrir siempre en febrero, Filipinas se ha visto libre durante el mes de verdaderos centros ciclónicos. Solamente una depresión muy dilatada o área de baja presión pareció notarse el día 4 cerca del canal de Balintang, moviéndose hacia el E los días 4 y 5, e inclinándose luego al N el 6 en los alrededores de 130° longitud E.

Más al N apareció en nuestros mapas del tiempo otra área de baja presión al NE de Formosa los días 4 y 5, moviéndose al E. Una vez en el Pacífico se convirtió en verdadera depresión, pasando su centro al N de Bonins el día 6 en dirección al ENE.

# METEOROLOGICAL DATA FOR MANILA CENTRAL OBSERVATORY.

[ $\phi=14^{\circ}$  34' 41" N;  $\lambda=120^{\circ}$  58' 33" E; barometer above sea, 14.2 meters; gravity correction not applied, -1.72 mm.]

|                          |  | Air to   | empera  | ture. b   |  | Unde  | ergrou   | nd temp  | erature   | •  |  |  | Rad   | liation.   | Evapo  | ration.  |
|--------------------------|--|--|---|---|--|---|--|--|---|--|--|--|---|--|--|--|
| Day.                     | Pressure (mean).   | Mean.  | Maxi-<br>mum.   |   |  |   |  | meter.   |   | 2.50<br>meters.<br>8 a. m.   | Rela-<br>tive<br>humid-<br>ity<br>(mean).  | Vapor<br>pres-<br>sure<br>(mean).  | Mini-<br>mum<br>on<br>grass.  | sun.<br>Black  | posure   | Shelte<br>(total)  |
| 1                        | 58. 70<br>58. 89<br>58. 80<br>58. 02<br>61. 32<br>61. 32<br>61. 32<br>60. 34<br>61. 32<br>60. 33<br>60. 33<br>60. 33<br>60. 33<br>60. 33<br>60. 32<br>61. 91<br>62. 15<br>62. 15<br>62. 25<br>62. 49<br>62. 49<br>62. 64<br>63. 44<br>62. 54 | °C. 23.4 4 23.9 8 24.8 25.9 25.6 6 23.9 4 22.4 6 25.2 24.6 25.9 22.4 7 23.7 23.5 25.8 25.9 22.6 1 21.7 22.3 7 22.8 1 22.3 7 24.8 1 22.3 7 24.8 1 | °C. 26. 4 28. 8 32. 3 30. 4 31. 2 29. 5 26. 5 26. 5 29. 130. 2 31. 6 31. 4 30. 8 30 27. 1 28. 9 27. 3 28. 7 30. 28. 8 31. 8 31. 8   | 20. 5<br>20. 8<br>20. 1<br>21. 1<br>21. 1<br>21. 6<br>17. 8<br>19. 4<br>20<br>21. 7<br>21. 3<br>20. 3<br>22. 4<br>21. 2<br>20. 4<br>11. 7<br>16. 2<br>19. 6<br>17. 8<br>19. 6<br>17. 8<br>19. 6<br>17. 8<br>19. 6<br>19. | 3 25. 2<br>25. 2<br>25. 6<br>26. 9<br>5 26. 1<br>25. 9<br>5 24. 8<br>24. 8<br>24. 8<br>24. 9<br>25. 6<br>26. 1<br>26. 1<br>27. 2<br>28. 2<br>29. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. | °C.<br>26. 4<br>26. 5<br>27. 4<br>27. 5<br>27. 5<br>26. 5<br>26. 5<br>26. 1<br>26. 3<br>26. 3<br>26. 3<br>27. 4<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 4<br>26. 3<br>26. 3<br>26. 5<br>26. 1<br>27. 5<br>27.  C. 26. 1<br>26. 2<br>26. 2<br>26. 2<br>26. 3<br>26. 6<br>26. 8<br>26. 8<br>26. 1<br>26. 1<br>26. 1<br>26. 1<br>26. 1<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 1<br>26. | °C. 4 26. 4 26. 8 26. 8 27. 1 27. 26. 5 26. 5 26. 5 26. 5 26. 5 26. 5 26. 5 26. 5 26. 5 26. 5 26. 5 26. 5 26. 6 4 26. 6 1 26. 6 1 26. 6 4 26. 6 4 26. 5 26. 5 26. 6 4 26. 5 26. 5 26. 6 4 26. 5 26. 5 26. 6 4 26. 5 26. 5 26. 5 26. 5 26. 5 26. 5 26. 5 26. 5 26. 6 4 26. 5 26 | °C. 27. 3 27. 2 27. 2 27. 2 27. 2 27. 2 27. 2 27. 2 27. 2 27. 1 27. 1 27. 1 27. 1 27. 1 27. 1 27. 1 27. 1 27. 1 27. 1 27. 1 27. 1 27. 1 27. 1 27. 1 27. 1 27. 1 27. 1 27. 26. 9 | C. 27. 4<br>27. 4<br>27. 4<br>27. 3<br>27. 3<br>27. 2<br>27. 1<br>27. 2<br>27. 1<br>27. | Per ct. 77 77 82 82, 9 86 80, 1 75, 4 75, 1 68, 9 71, 5 69, 5 77, 1 79 72, 7 66, 7 76, 7 76, 7 76, 7 76, 7 77, 8 77, 8 77, 8 | mm. 16.3 16.8 18.9 20.3 20.3 19.4 16.5 14.5 15.1 15.9 17.8 18.1 19.3 17.8 14.1 13.5 14.2 14.8 14.8 13.5 16 17.9 16.8 | °C. 18.7 18.5 17.4 18.7 18.2 18.6 19.3 14.6 16.8 19.5 19.9 17.7 18.1 18.2 14.7 14.5 17.1 12.3 15.2 18.4 | °C. 40.8 42.4 49.6 53.6 50.3 51.5 51.9 38.1 44.9 55.2 51.9 50.5 43.2 48.3 47 41.9 55.5 51.5 58.2 | mm. 3 4 4 3.77 3.36 6 3.59 3.2 1 5.43 4.67 4.19 2.8 4 4 1 5.5 1 4.64 6 5.4 6 6 5.4   | mm. 2.2.5 2.4 2.68 2.3.68 2.3.58 2.3.47 3.5.51 3.6.1 2.6.1 3.6.1 3.6.1 3.6.1 |
| Mean<br>Total            |  | 23.9   | 29.4  | 19. 5   |  | 26.5  | 26. 3  | 26. 8  | 27.1  | 27.2   | 74. 9  | 16. 4  | 15. 5   | 48.7   | 4.7<br>4.2<br>117.9  | 2.9<br>3<br>83.1   |
| Departure from<br>normal |  | -1.3   | -1.4  | -0.8  | 3  |   |  |  |   |  | +0.6   | -1.1   |   |  |  |  |
| Day.                     | Prevailin<br>direction   | g m  | otal<br>ove-<br>ent.  | nour-   | Direction the time of the maximu velocity  | me E  | (mean).  | Form a   | and direc   | etion.   | Sun-<br>shine  | begin  |   | a. m.  | Miscella   | neous.   |
| 1                        | W quad E quad SE W, SW guad NE quae NE quae NE, ENI NE NE NE NE quae SU quae SW quae SW quae E NNV NW qua Variabl NNE, E E, ESE W, SE  |  | 120. 5 143 97 160 1449. 5 169 148. 5 137. 5 213 160 2276 154. 5 176. 5 158 159 157. 5 157. 5 157. 5 157. 5 157. 5 157. 5 157. 5 157. 5 157. 5 157. 5 157. 5 157. 5 157. 5 | 15. 5   | ENE<br>EW<br>WNWENE<br>ENE<br>NNE<br>ESE<br>WNWE<br>SE, E<br>WNWE<br>ESE<br>WWW<br>WWW<br>WWW  | 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8   | 6 AAAAACiAAAACiAAAACiAAAACiAAAACiAAAAAAAA  | Cu,  | Cu. Cu. Cu. Cu. Cu. SE Cu. SE Cu. SE S(Cu. Cu. SE S(Cu. SE S(Cu. Cu. Cu. SE S(Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu.   | EbyN Ecu. ENE Cu. EE EbyN U. EbyN U. EbyN ENE ENE Cu. ENE Eu Eu Eu Eu Eu Eu Eu Eu Eu Eu Eu Eu Eu   | 1 1 1 5 1 1 5 1 1 5 1 1 5 1 1 5 1 1 1 5 1  | .5   | 5   | 1.1 d'dd dd dd dd dd dd dd dd dd dd dd dd d  | a. d° p° a. a. a. a. p° p. ° a. a. ° p. ° a. ° p. ° a. ° p. ° a. ° p. ° a. ° p. ° a. ° p. ° a. ° p. ° a. ° p. ° a. ° p. ° a. ° p. ° a. ° p. ° a. ° a | p.<br>p.   |
|                          |  | 4,   | 167. 1<br>679. 5  | 17.9  |  |   |  |  |   |  | 123 2  |  | 1.8   | 1. 6   |  |  |
|                          |  | 1  | =   |   |  |   |  |  | 1   |  |  |  |   |  |  |  |

<sup>&</sup>lt;sup>a</sup> All the mean values given in this table are deduced from hourly observations.
<sup>b</sup> These values are taken from instruments mounted in the Observatory Park, 1.5 meters above ground.

#### METEOROLOGICAL BULLETIN.

# METEOROLOGICAL DATA FOR MIRADOR OBSERVATORY, BAGUIO.ª

 $[\phi=16^{\circ}\ 25'\ N; \lambda=120^{\circ}\ 86'\ E;$  barometer above sea, 1,512.5 meters; gravity correction not applied,  $-1.65\ mm.]$ 

|         |  |   |  |  | at Mirac<br>mounta  |   | Ai   |  | peraturear the   |   | e valley<br>ll).   |   |  | Radi   | ation.   | Evapo   | ration.   |
|---------|--|---|--|--|---|---|--|--|--|---|--|---|--|--|--|---|---|
| Day.    | Pres-<br>sure b<br>(mean).   | Mean.   | Maxi-<br>mum.  | Hour.  | Mini-<br>mum.   | Hour.   |  | axi-<br>um.  | Hour.  | Mini-<br>mum.   | Hour.  | Rela-<br>tive<br>humid-<br>ity<br>(mean)  | Vapo<br>pres-<br>sure<br>(mean   | Mini-  | Maxi-<br>mum<br>in sun.<br>Black<br>bulb<br>in va-<br>cuo.c  | Free<br>ex-<br>posure<br>(total)  | Shel-<br>ter<br>(total)   |
| 1       | mm. 636. 99 37. 14 37. 02 36. 36 35. 82 35. 49 35. 22 36. 34 37. 39 37. 58 37. 72 38. 11 36. 63 37. 70 38. 64 38. 64 38. 64 38. 63 38. 64 38. 88 | °C. 13. 9 15. 7 17. 8 16. 6 14. 8 14. 6 14. 5 16. 3 16. 2 16. 5 16. 5 16. 5 16. 4 16. 2 11. 2 11. 2 11. 2 11. 2 11. 8 13. 7 14. 7 13. 9 15. 8 18. 6 | *C.* 18. 1 21. 1 25. 1 25. 1 25. 1 25. 2 20. 4 21. 8 22. 3 22. 3 20. 4 21. 8 22. 8 22. 3 20. 5 20. 3 22. 3 2 | 0.05p. 0.20p. Noon 10.00a. 2.00p. 11.20a. 0.55p. 11.00a. 3.20p. 10.40a. 1.05p. 11.10a. 0.05p. 11.15p. 11.50a. 11.40a. 11.55p. 2.00p. 11.05a. 0.25p. 10.25a. 2.25p. 10.25a. 0.20p. 10.30a. 10.10a. 0.50p.     | 10. 4<br>10. 4<br>9. 9<br>11. 7<br>12. 6<br>13<br>14. 1<br>14. 3<br>14. 4<br>12. 3<br>11. 6 | 5. 40a.<br>2. 00a.<br>4. 20a.<br>2. 55a.<br>6. 35a.<br>12m. n.<br>6. 20a.<br>7. 10a.<br>3. 30a.<br>6. 25a.<br>9. 30p.<br>6. 00a.<br>6. 30a.<br>12m. n.<br>11. 00p.<br>12m. n.<br>4. 00a.<br>0. 35a.<br>1. 25a.<br>1. 25a.<br>1. 25a.<br>1. 25a.<br>1. 25a.<br>1. 25a.<br>3. 00a.<br>4. 25a.<br>3. 30a.<br>4. 25a.<br>4. 4. 30a.<br>4. 25a.<br>4. 30a.<br>4. 25a.<br>4. 30a. |  | 24. 2<br>22. 4<br>21. 5<br>20. 3<br>22. 8<br>22. 9<br>21. 6<br>24<br>21<br>22. 9<br>22. 2<br>23. 6 | Noon 1. 40p. 1. 40p. Noon 11. 55a. 2. 00p. 0. 15p. 11. 35a. 0. 20p. 0. 20p. 0. 20p. 11. 35a. 2. 10p. Noon 11. 40a. 0. 30p. 11. 35a. 2. 10p. 10. 05a. 0. 20p. 10. 05a. 0. 21p. 11. 05a. 0. 45p. 10. 55a. 0. 45p. 11. 05a. | *C. 11. 7 12. 6 13. 3 14. 1 13 10. 5 9. 3 10. 2 11 12. 1 13. 4 14. 1 12. 5 11. 3 8. 8 8. 4 9. 5 9. 9 9. 2 8 9. 4 12. 8 10. 7 12. 18 | 12m. n.<br>5. 30a.<br>12m. n.<br>0. 35a.<br>1. 20a.<br>1. 30a.<br>2. 15a.<br>6. 35a.<br>6. 20a.<br>0. 05a.<br>3. 40a.<br>6. 20a.   | Per ct. 75. 5 69. 8 68. 2 80. 3 88. 2 74. 2 75. 2 77. 7 72. 5 78. 7 72. 7 76. 9 94. 3 86. 2 91. 2 91. 2 91. 3 88. 8 83. 3 83. 3 74. 5 81. 64. 3 70. 7 | 8.3<br>9.2<br>10.1<br>10.1<br>10.1<br>10.1<br>10.9<br>9.9<br>9.9<br>9.9<br>9.9<br>9.1<br>11.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>10.1<br>1 | 9 10.97<br>13.21<br>13.21<br>13.21<br>11.11<br>17.7.7<br>14.7<br>15.7<br>16.6<br>11.5<br>11.5<br>11.5<br>11.5<br>11.5<br>11.5<br>11.5<br>11.7<br>12.7<br>13.8<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10.2<br>10. | 52. 8<br>54. 6<br>58<br>56. 1<br>58<br>57. 3<br>58. 40. 7<br>61. 6<br>56. 2<br>56. 2<br>57. 3<br>44. 5<br>58. 44. 5<br>58. 44. 5<br>58. 44. 5<br>58. 58. 8<br>58. 8<br>58. 58. 8<br>58. 58. 8<br>58. 58. 8<br>58. 58. 8<br>58. 58. 8<br>58. 58. 8<br>58. 8 | 2.3<br>3.5<br>2.7<br>3.1<br>2.8<br>4.1<br>5.1<br>3.7<br>6.7   | mm. 5.1 5.1 2.1.3 2.2 1.3 2.2 3.3 2.4 2.3 3.5 1.1 1.8 1.5 1.1 1.5 1.4 2.6 2.4 3.2 2.2 3.8 3.3 3.3 4.1 1.5 4.1 2.6 2.6 2.6 2.2 |
| Mean    | 637.34   | 15. 4   | 21.4   |  | 11.8  |   |  | 21.8   |  | 11.3  |  | 79  | 10.  | 2 10.2   | 53,6   | 4.1   | 2.2   |
| Total   |  |   | -  |  | -   | - <b>-</b>  |  |  |  | ·   | -  | -   | -  |  |  | 114.4   | 61.1  |
| Day.    | Preva<br>direct  |   | Total<br>move-<br>ment.  | Maxi-<br>mum<br>hour-<br>ly<br>veloc-<br>ity.  | Directi<br>at the ti<br>of th<br>maximi<br>velocit  | on ime e um by.   | (mean).  |  |  | and dir   | ection.  |   | Sun-<br>shine.   | Rain, 24<br>hours<br>begin-<br>ning<br>6 a. m.   | . Miso   | cellaneo  | us.   |
| 1       | E E E E E E E E E E E E E E E E E E E  | ad. uad. uad.   | Km.<br>571. 9<br>815. 4<br>403. 6<br>280. 8<br>334. 2<br>319. 3<br>342. 5<br>508. 2<br>368. 9<br>314. 8<br>243. 7<br>411. 7<br>298. 2<br>369. 3<br>431. 4<br>291. 2<br>278. 5<br>384. 6<br>477. 9<br>300. 8  | 28. 8<br>31. 2<br>23. 6<br>33. 6<br>28. 2<br>24. 7<br>39. 6<br>28. 5<br>22. 2<br>36. 4<br>28. 8<br>21. 4<br>29. 5<br>27. 1<br>20. 3<br>119. 3<br>25. 5<br>26. 2<br>24. 4<br>40. 5<br>23. 1<br>24. 1<br>27. 2 | EEEE WWE WEEEEEEWWE WWW   | 11  | 8. 7<br>8. 7<br>8. 9<br>6. 6<br>6. 1<br>4. 4<br>1. 4<br>1. 7<br>2. 7 | AC. GiCiCiCiAC. AC. GiCiAC. GiCiCiCiCiCiCiCiCiCiC  | S. SS<br>S. SS<br>Cu. SS<br>Cu. Su.<br>Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu.   | SW CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC   | u. uN. uN. uN. v. uN. v. uN. vN. uN. uN. v | E -Cu. ESE ENE E E  | h. m.<br>0 30<br>5 30<br>5 4 10<br>4 30<br>8 30<br>8 30<br>5 30<br>6 25<br>6 25  | 1<br>11.7<br>27.9<br>10.6<br>.8  | ∠√° a. Ω a. a. a. Ω² a. a. Ω² a. a. b. ω² a. p. d° a. p   | = a. p.<br>- 2 p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p.<br>- 0 ° p. |   |
| Mean .  | -  |   | 384  | 28.2   |   | '   | 5.8  |  |  |   |  | _   | 3 41   | 52.3   |  |   |   |
| Total _ | -  |   | 10, 751. 3   |  |   |   |  |  |  |   |  | 1   | .03 00   |  |  |   |   |

a All the mean values given in this table are deduced from six daily observations taken at 2, 6, 10 a.m. and 2, 6, 10 p.m. b The barometric readings of this station are not reduced to sea level.
C Maximum of hourly observations taken from 6 a.m. to 6 p.m.
This element is based on hourly observations taken from a quadruple register, which gives only eight possible directions of the wind.

# BULLETIN FOR FEBRUARY, 1918.

# DAILY RAINFALL AT THE STATIONS OF THE WEATHER BUREAU, FEBRUARY, 1918.

| Station.  |               |              |            |      |       |            | Da       | y of m      | onth.    |                   |              |                |       |       |     |
|---|---------------|--------------|------------|------|-------|------------|----------|-------------|----------|-------------------|--------------|----------------|-------|-------|-----|
| Station.  | 1.            | 2.           | 3.         | 4.   | 5.    | 6.         | 7.       | 8.          | 9.       | 10.               | 11.          | 12.            | 13.   | 14.   | 15  |
|   | mm.           | mm.          | mm.        | mm.  | mm.   | mm.        | mm.      | mm.         | mm.      | mm.               | mm.          | mm.            | mm.   | mm.   | mn  |
| Jolo  | 0.3           | 44.7         |            | 6.9  | 7.1   | 1.3        |          |             | 1        | 9.7               | 18.3         | 1              | İ     | 0.5   |     |
| sabela, Basilan                                     | 9.1           | 61.5         | 14.2       |      | 11.9  |            |          |             |          |                   |              | 6.9            | 10.7  | 3.5   | 12. |
| Zamboanga   | 25. 9<br>5. 1 | 25.9         | 12.7       | 12.7 | 17. 5 |            |          |             |          |                   | 3.3          | 3.6            | 10.2  | 4.1   | 10. |
| Davao   | 12. 4         | .6           | 16.3       | 1.5  |       |            |          | 7.9         |          |                   | .8           | 2.3            | . 3   |       |     |
| Cotabato  | 12.4          | 7. 6         | 14         | 46.5 |       |            |          | 15.7<br>1.5 | 27.9     | 62<br>5.6         | 19.3         | 19.6           | 2.5   |       |     |
| agayan, Misamis                                     |               | 34. 5        | 1.3        | 40.0 |       |            |          | 1.3         | 1.8      | 17                | 9.7          | 7.4<br>5.6     | .8    | 20.3  |     |
| Dapitan   | 5. 9          | 39. 4        | .5         |      |       | 7.1        | 1.9      | 1.5         | 3        | 10.2              |              | 114.6          | 48.5  | .6    | :   |
| ampayon, Butuan, Agusana                            | 4.6           | 3.8          | 3          |      |       |            | 1.0      | 7.4         | 30. 7    | 38.6              | 7.1          | 21. 9          | 40.0  | .0    |     |
| Butuan  | 5.1           | 5.1          | 16. 2      | 3.1  |       |            |          | 5.8         | 28.5     | 38.3              | 2.3          | 2.3            | 3.8   | .3    | 1   |
| fambajao  |               | 47.8         | 10.7       |      |       |            |          |             | 22.6     | 35.8              | 5.8          | 2              |       | 1.3   |     |
| umaguete  |               | 9            | 1.8        |      | 6.9   |            | 1.5      | 11.9        | 3        | 7.4               | 87.4         | 65.6           | 9.1   |       | 30. |
| ap, Western Carolines                               | 1.3           | 9. 9         |            | 20.6 | 8.4   | 14. 2      | 6.6      | 3.3         | 9. 2     | 1.3               | 4.6          | .8             |       | 7.4   | 23. |
| agbilaran   | 1.5           |              |            |      |       |            |          |             |          | 3.6               | 13. 7        | 9.1            |       | 5. 7  |     |
| wahigurigao   | 14.5          | 1.3          | .3         | 6.3  | 9.9   | 1          |          |             |          | .1                | .1           | 32.2           | 23.4  | 34.7  | 2.  |
| Iaasin  | 66.6          | 8.9          | 3.3        |      | 2     |            |          | 2.5         |          | 103.6             | 19           | 3.9            | 3     |       | 15. |
| ebu   |               | 35.3<br>8.6  |            |      |       |            | 20.8     |             | 26.7     | 22.9              |              | 6.4            |       |       |     |
| oilo  |               |              |            |      | 1.5   | 8.4        | 4.8<br>1 |             | 5.1      | 9.9               | 26.4         | 9.4            |       |       |     |
| an Jose Buenavista                                  |               |              | 9.7        | 7.4  |       |            | 1        |             |          | 3.3               | 22.6<br>7.6  | 31. 4<br>13. 5 | .6    |       | 3.  |
| uyo   |               |              |            | 1.4  | 2.7   | 4.3        |          |             |          | 1.8               | 1.0          | 2.5            | . 6   |       | 3.  |
| ucena, Iloiloa                                      |               |              |            |      |       | 10. 2      |          |             |          | 2.5               | 15. 2        | 35.3           |       |       | 7   |
| rmoc  | 5.6           | 4.6          | 1.8        |      |       |            |          |             | 59. 4    | 52.1              | 21.6         | 11.7           |       | 27.9  | 8   |
| uiuan   | 91. 9         |              | 3.8        | 7.4  |       |            | 1.5      |             | 199. 9   |                   | 9.6          | 165. 9         | 23.6  | 30.7  |     |
| ueñas, Iloilo a                                     | 1             |              | 12.7       |      |       | 1. 5       | 12.7     |             |          | 3.8               | 15.5         | 40.6           |       |       | 28. |
| itaogan, Iloilo (Railroad Iloilo to                 |               |              |            |      |       |            |          |             |          |                   |              | 1              |       | 1     |     |
| Capiz) a  | 7.3           |              |            |      | 9.4   |            | 2.8      |             |          | 8.9               | 33           | 58.4           | 9. 1  |       | 28. |
| apus, Iloilo (Railroad Iloilo to Capiz) a           |               | 00.0         |            |      |       |            | 1.8      |             | 100      | 1.8               | 33           | 20.6           |       |       |     |
| acloban   | 62. 9         | 26. 9        | . 6        | 2.1  |       |            | 2.8      |             | 132. 1   |                   | 22.8         | 50.6           | . 5   | 4.9   | 7   |
| Jumarao, Capiza<br>Jao, Capiza                      |               | 7 0          | 2.5        |      |       |            | 15.3     |             |          | 12.7              | 38.1         |                | ;     |       |     |
| apiz  |               | 7. 2<br>5. 9 | 2.5        |      |       | 1          | 50.8     | <b></b>     | 1.8<br>3 | 7. 1              | 2.8          | 23.8           | 1     |       |     |
| orongan   | 08 5          | 110.5        | 39.9       |      |       | 1          | 7.6      |             | 142.7    | 7. <b>7</b><br>81 | 3<br>23.4    | 14<br>62.3     | 54. 1 | 67.6  | 10. |
| atbalogan   | 22.4          | 32. 5        | 4.1        |      |       |            | 1.0      |             | 82.5     | 72. 1             | 27.5         | 63.3           | 5.3   | 10.2  | 10. |
| albayog   | 4.9           | 21.1         | 9.1        |      |       | 3          | 2.6      |             | 64.7     | 50.8              | 10. 2        | 48.5           | 12.7  | 10.2  | 1.  |
| lasbate   | 2.8           | 3.3          | 8.9        |      |       | u          | 2.0      |             | 15. 5    | 38.4              | 8.9          | 29.7           | 2.3   | 2     |     |
| an Jose Estate, Tamaraw Plantation,                 |               | 0.0          | 0.0        |      |       |            | -        |             | 10.0     | 00. 1             | 0.0          | 20. 1          | 2.0   | -     |     |
| Mindoro a   |               |              | 1          |      |       |            |          |             |          |                   |              | 19.3           |       |       |     |
| an Jose, Mindoroa                                   |               |              | 1.3        |      |       |            |          |             |          | .5                |              | 20.3           |       |       |     |
| an Jose Estate, Tunnel D-12,                        | 1             |              |            |      |       |            |          |             |          |                   |              |                | ,     |       |     |
| Mindoro a   |               |              |            | .5   |       |            |          |             |          |                   |              | 16.8           |       |       |     |
| Comblon   | 1.8           |              | 6.9        | .3   | 1.5   |            |          |             |          | 21.4              | 1.8          | 100.4          | .8    |       | 19  |
| atag  |               |              | 13.2       |      |       | 14         | 6.4      |             |          | 64. 7             | 15.2         | 36. 1          | 19    | 24. 4 | 1.  |
| orsogon   | 10.7          | 13. 7        | 9.4        |      |       |            | 4.8      | 7.4         |          | 19.3              | 13.5         | 45.7           | 16    | 37.3  |     |
| egaspi  | 14.5          | 26. 2        | 29. 7      |      |       | <b>-</b> - | .8       |             |          | 12.2              | 13.2         | 41.9           | 9.7   | 12.7  |     |
| umay, Guam<br>alapan                                | 2             | .3           |            | 4.3  |       |            |          |             |          | 25.4              | 12.7         |                | 1.3   |       |     |
| irac  |               | 13.4         | 6.4        | Z    |       |            |          | 5. 1        | 4.6      | 11. 2             | 5. 3<br>3. 3 | 9. 7<br>57. 6  | . 5   | 1     |     |
| laga  |               |              | 9. 9       | 1    |       |            |          | 1.3         | . 3      | 2.5               | .8           | 35.3           |       | 2.3   |     |
| Batangas  |               |              | 0.0        | 1    |       |            |          | 1.0         |          | 2.0               | 1.5          | 6.6            |       | 2.0   |     |
| ucena   |               |              | 12.7       |      |       |            |          | 1.3         | 3.8      |                   | 8. 4         | 7.6            |       |       |     |
| timonan   |               | 9.9          | 11         | 1    |       |            |          | 8.1         | 14.6     | 18. 5             | 10.6         | 22.6           |       | 5.3   | 1.  |
| mbulong, Tanauan                                    |               |              |            |      |       |            |          |             |          |                   | 1.8          | . 5            |       |       |     |
| anlubang, Calamba                                   | . 3           | . 5          |            |      | 3.8   |            |          |             |          |                   | 1.8          |                |       |       |     |
| aracale   | 8.6           | 4.3          | 6.4        | 22.4 |       |            | i        |             | 8.3      |                   | 31.7         | 24.7           | 4.6   | 45.7  | 36  |
| anta Cruz, Laguna                                   |               |              |            |      |       |            |          |             |          |                   | .3           |                | 2.8   |       |     |
| ort Mills, Corregidor ab                            |               |              |            | 2    | . 3   |            |          |             |          |                   |              |                |       |       |     |
| [anila  |               |              |            |      |       |            |          |             |          |                   | .5           |                |       |       | ==  |
| Intipolo  |               |              |            | }    |       |            |          |             |          |                   | 2            | 1              |       |       | 10  |
| Iontalban, Rizala<br>Iacienda Pintong Sapang, Santa |               |              | <b>-</b> - |      |       |            |          |             |          |                   |              |                |       |       |     |
| Maria, Bulacana                                     |               | 1            | 1          | 1.5  | 9     | i          | 1        |             |          | 1                 |              | 1              |       |       | 9.  |
| Maria, Bulacan<br>Mabayuan Dam, Olongapo, Zambales  |               |              |            |      |       |            |          |             |          |                   |              | .3             |       |       | 3   |
| ba  |               |              |            |      |       |            |          |             |          |                   |              |                |       |       |     |
| an Isidro   | .             |              |            |      | . 3   | i          |          |             |          |                   |              |                |       |       | 12  |
| Iacienda Luisita, San Miguel, Tarlaca.              | .             |              |            |      | 3.8   |            |          |             |          |                   |              |                |       | 16.5  |     |
| Iacienda Luisita, Luisita, Tarlaca                  |               |              |            |      | 3     |            |          |             |          |                   |              |                |       | 16    |     |
| arlac   |               |              |            |      |       |            |          |             |          |                   |              |                |       | 17    |     |
| Baler   | 10            | 8.1          | 8.2        | 2.8  |       |            |          |             | .1       |                   |              | 3.8            | 11. 7 | 6.4   |     |
| Paniqui, Tarlaca                                    | -             |              |            |      |       |            |          |             | !        |                   |              |                |       | 10.2  |     |
| Dagupananto Tomas Mt., Mountain Province            |               |              |            | ;    | i     |            |          |             |          |                   |              |                |       | .3    | 2   |
| anto Tomas Mt., Mountain Province.                  |               |              |            |      |       |            |          |             |          |                   |              |                |       | .0    | 2   |
| Baguio  |               |              |            |      |       |            |          |             |          |                   |              |                |       | 1     | 11  |
| an Fernando, Union                                  |               |              |            |      |       |            |          |             |          |                   |              |                |       | 1     | **  |
| Schague   | 1             |              |            |      |       |            |          |             |          |                   | 6.1          | 1.3            | 2.5   | . 6   | 13. |
| Sagada, Mountain Province                           | 1             |              | 1          |      |       |            |          |             |          |                   | 1.3          |                | 20. 1 | 7.9   | 10  |
| Bontoc, Mountain Province                           |               | l            |            |      |       |            |          |             |          | 1                 | 1.0          |                | 18.3  |       |     |
| Candon  |               |              | .          |      |       |            |          |             |          |                   |              |                |       |       | 1   |
| /illavieja, Pilar, Abraa                            |               |              |            |      |       |            |          |             |          |                   |              |                |       | 1.5   | !   |
| <sup>7</sup> igan                                   | 4.8           |              |            |      |       |            |          |             |          |                   |              |                |       |       |     |
| uguegarao   | 1.5           |              |            |      |       |            |          |             |          |                   |              |                | 1     | 22.6  | 3   |
| a Paz, Abraa  |               |              |            |      |       |            |          |             |          |                   | {            |                |       | \     | 1   |
| Aoag  |               |              |            |      |       |            |          |             |          |                   |              |                | 1.8   | 94 6  | 12  |
| Aparri  |               | 1.7          |            |      |       |            | .8       |             |          |                   | .8           | .8             | 1.5   | 34.6  | 12  |
| Cape Bojeador                                       |               | ·            |            | 1.8  | .7    | .2         | .8       | <u>-</u> -  |          |                   | .7           |                |       |       | 23  |
| Santo Domingo, Batanes                              | 3, 4          | .5           | 1          |      |       |            |          |             |          |                   |              | 4.6            | 24.4  | 18    |     |

<sup>&</sup>lt;sup>a</sup> Voluntary or coöperative station. <sup>b</sup> Rain in 24 hours beginning 7 a. m.

# METEOROLOGICAL BULLETIN.

#### Daily rainfall at the stations of the Weather Bureau, February, 1918—Continued.

| a   |      |              |              |               |              |           | Day o | f mont     | h.           |   |             |             |      |              |
|---|------|--------------|--------------|---------------|--------------|-----------|-------|------------|--------------|---|-------------|-------------|------|--------------|
| Station.  | 16.  | 17.          | 18.          | 19.           | 20.          | 21.       | 22.   | 23.        | 24.          | 25.                                       | 26.         | 27.         | 28.  | Tota         |
|   | mm.  | mm.          | mm.          | mm.           | mm.          | mm.       | mm.   |            |              | mm.                                       | mm.         | mm.         |      | mm           |
| olo   | 2.5  |              | 3.8          | 0.3           | 5.6          | 3.3       |       |            |              |   |             | 0.3         | 8.4  | 115          |
| sabela, BasilanBasilan Plantation, Isabela (Basilan)a | 10.2 | 2.5          | 2.3          | 3.8<br>24.9   | 16<br>2.6    | 1.5       |       |            |              |   | 0.5         |             |      | 154.<br>169. |
| amboanga  | 10.2 | 2.0          | .3           | 3.6           | 15.3         | .3        |       |            |              | 1.5                                       |             |             |      | 55.          |
| )avao   | 42.2 | 2.5          |              |               | 2.3          |           |       |            |              | 28.2                                      |             |             |      | 238.         |
| Cotabato  |      |              |              |               | 34           | 24. 9     |       |            |              |   |             |             |      | 145.         |
| Cagayan, Misamis<br>Dapitan                           | 5.6  | 3.8          | 20.3<br>49.3 | 4. 1<br>22. 1 | 2.3<br>24.1  | 10.4      |       | 2.5        |              |   | 2.3         | 3.8         |      | 124.<br>367. |
| Ampayon, Butuan, Agusana                              | 33.8 | 7.6          | 98.3         | 34.3          | 26.4         | 7.4       | 0.3   | 2.0        |              | 40.9                                      |             | 2.3         | .3   | 368.         |
| Butuan  | 31.8 | .6           | 66.3         | 24.2          | 5            |           |       | .3         |              | 6.1                                       | 1.8         | 10.7        | 1.8  | 279          |
| Iambajao  |      |              | 22.9         | 12            | 6.6          |           |       |            | 10.4         | 1.5                                       |             |             |      | 179.         |
| Oumaguete   | .8   | 8.4          | 9.2          | 6.9           | 5. 1<br>3. 6 |           | 2.5   |            |              | .8  | 27.2        | 23.6        | 4.3  | 257.<br>193. |
| Cagbilaran  | 2.8  | 2.3          |              | 2.5           | 0.0          |           |       |            |              | 1.3                                       |             | 20.0        | 4.0  | 42.          |
| wahig   | 3,2  |              | 7.1          |               |              | \ <u></u> | 1.5   |            |              |   |             |             |      | 138.         |
| urigao  | 7.9  | 5.1          | 7.7          | 53.4          | 13.8         |           |       |            | 31.2         | 20.1                                      | .8          |             |      | 415.         |
| Aaasin<br>Cebu  |      | 45.7         |              |               |              |           |       |            | 30           |   | 21.3        |             |      | 197.         |
| loilo   |      | 1.3          |              |               |              |           |       |            |              |   |             |             |      | 98.<br>58.   |
| San Jose Buenavista                                   | 5.3  |              |              |               |              |           |       |            |              |   |             |             |      | 53.          |
| Cuyo  |      |              |              |               |              |           |       |            |              |   |             |             |      | 11.          |
| Lucena, Iloiloa                                       | 51.3 | 1.3          |              |               |              |           |       |            |              | 8.6                                       | 16.6        |             |      | 131.         |
| Ormoc<br>Fuiuan                                       |      | 39.6<br>14.5 | 6.3          | 1             |              | 2         | 9     |            | 22.9<br>31.2 | 11.7<br>1.5                               | 16.6<br>3.5 | 4.3         | 7.6  | 286.<br>751. |
| Dueñas, Iloiloª                                       |      | 5.8          | 4.4          | 1             |              |           | .8    |            | 51. 2        | 6.9                                       | 2.5         | 4.3         |      | 137.         |
| Bitaogan, Iloilo (Railroad Iloilo to Capiz) a         |      | 3.8          | 3.8          | 4.3           | 1            |           |       |            |              | 4.8                                       | 2.0         |             |      | 174.         |
| Lapus, Iloilo (Railroad Iloilo to Capiz) a            | 1.3  |              |              |               |              |           |       |            |              |   | 1.8         |             |      | 60.          |
| Facloban<br>Dumarao, Capiz <sup>a</sup>               | 1.2  | 26.4         |              | 1.6           | 3.3          | 2.5       | 2     |            | 22. 9        | 19.1                                      | 7.6         |             |      | 453.         |
| Jumarao, Capiza<br>Dao, Capiza                        |      | 50.8<br>6.4  | 3.8          | 2.5           | 1.3<br>2.8   |           | 1.3   |            | 8.4          | 5   | 7.6         |             |      | 143.<br>146. |
| Capiz   | 2.8  | 2.1          | 1.8          | 3.1           | 1.1          | .3        | 1.5   | 4.6        | 4.6          | 9.4                                       | 2.2         |             |      | 72.          |
| Borongan  | 10.7 | 96.5         | 22.9         | 22.4          | 1.8          | 3.8       | 5.1   |            | 28.7         | 7.7                                       | 8. 1        |             |      | 914.         |
| Catbalogan  |      | 41.7         | .3           | .3            | 1.3          | .5        | 3     |            | 6.9          | 29.7                                      | 3. 1        |             |      | 439.         |
| Calbayog  |      | 45.4         | 1.3          | 1.3           | .8           |           | 2.8   | .3         | 17           | 22.6                                      | 1.8         |             | 1.6  | 339.         |
| Masbate   |      | .8           |              | 1.8           |              |           | .5    |            | 4.3          | 86.1                                      |             |             |      | 207.         |
| Mindoro a   |      |              |              |               | 1            |           | 2.8   |            |              | ·   |             |             |      | 24.          |
| San Jose, Mindoro a                                   |      |              |              |               |              |           | 10.2  |            |              |   |             |             |      | 32.          |
| San Jose Estate, Tunnel D-12, Mindoro                 |      |              | ·            |               |              |           | 14.2  |            |              |   |             |             |      | 31.          |
| Romblon<br>Batag                                      |      | 1<br>73.7    | 11.4         | 19. 1         | 2.8          |           | .8    |            |              | 9.2                                       | .5          | 2.3         | .5   | 176.         |
| Sorsogon  |      | 28. 1        | 14. 2        | 10. 9         | 5.1          | 4.1       | 7.1   |            |              | 11.7<br>29.5                              |             | 3.8         | 9. 1 | 467.<br>299. |
| Legaspi   | 8.6  | 13.7         | 1.6          |               |              | .5        | 11. 2 |            | 1.8          | 49.3                                      | 6.1         | 2.1         |      | 255.         |
| Sumay, Guam   |      | 2.5          | 50.8         | 77.4          | 1.3          |           |       |            | 8.9          | - 3                                       | 8.1         |             |      | 197          |
| Calapan   |      |              | 3.8          | 3.8           | 1.8          | 1         | 12.9  |            | 5.8          | 14.3                                      | 1           | -==-=-      |      | 77.          |
| Virac<br>Vag <b>a</b>                                 |      | 1. 5<br>5. 6 | 1.3          | .5            |              | .5        | .3    | .3         | .5           | 20.6<br>10.5                              |             | 11.7<br>3.8 | .3   | 148.<br>78.  |
| Batangas  |      | 0.0          | 1            |               |              |           | 1.8   |            |              | 1.8                                       | .8          | 0.0         |      | 12.          |
| ucena   |      |              |              |               |              |           | 12.4  |            |              | 10.9                                      |             |             |      | 64.          |
| Atimonan  |      |              | 8.1          | 14            | .3           |           | 6.8   | .5         | 3.8          | 18.4                                      | 1.5         |             |      | 171.         |
| Ambulong, Tanauan<br>Canlubang, Calamba               |      |              |              |               |              | .3        |       |            |              | $\begin{array}{c} 3.1 \\ 2.3 \end{array}$ | .5          |             |      | 5.           |
| Paracale  |      | 1.1          | 2.6          | 5.8           | 1            | 2.3       | 2.6   | 2          | 2.6          | 21.8                                      | .5          | 2.3         | 3.9  | 9.<br>295.   |
| Santa Cruz, Laguna                                    | 5.6  |              |              |               | l            |           | 1.3   | <u>  -</u> |              | 1.5                                       |             |             |      | 12.          |
| Fort Mills, Corregidor a b                            |      |              |              |               |              |           |       |            |              |   |             |             |      | 2.           |
| Manila  |      |              |              |               |              |           |       |            |              |   |             |             |      | 1.           |
| Antipolo  |      |              |              |               |              |           |       |            |              |   |             |             |      | 13.          |
| Hacienda Pintong Sapang, Santa Maria,                 | 1    |              |              |               |              |           | ]     |            |              |   |             |             |      | 0            |
| Bulacan a   | .    | ·            |              | !             |              |           |       |            |              |   |             |             |      | 11.          |
| Mabayuan Dam, Olongapo, Zambalesa                     |      |              |              |               |              |           |       |            |              |   |             |             |      | 4.           |
| ba<br>San Isidro                                      |      | .8           | .5           |               |              |           |       |            |              |   |             |             |      | 1.           |
| Hacienda Luisita, San Miguel, Tarlaca                 |      | .            |              |               |              |           | i     |            |              |   | i           |             |      | 13<br>20:    |
| Iacienda Luisita, Luisita, Tarlaca                    |      |              |              |               |              |           |       |            |              |   |             |             |      | 19           |
| Carlac  |      |              | .8           |               |              |           |       |            |              |   |             |             |      | 17.          |
| BalerPaniqui, Tarlaca                                 |      |              |              | ¦             |              |           |       |            |              | 7.4                                       | 3.8         |             |      | 63.          |
| Dagupan   |      | .8           |              | 1             |              | 1         |       | \          |              | <br>                                      |             |             |      | 10.          |
| Santo Tomas Mt., Mountain Province a                  | 1.3  | 2.1          | .3           | .5            |              |           |       |            |              |   |             |             |      | 7            |
| Bolinao   |      |              |              |               |              |           |       |            |              |   |             |             |      | 0            |
| Baguio  | 27.9 | 10.6         | .8           |               |              |           | .3    |            |              |   |             |             |      | 52.          |
| an Fernando, Union<br>Schagüe                         | 9.1  | 3.3          | 6. 6         |               | }            |           |       |            |              | <b> </b>                                  |             |             |      | 3.           |
| Sagada, Mountain Provinces                            | 9.1  | .8           | 1.8          |               | 1.8          | .3<br>1.8 | 2.8   |            | İ            |   |             |             |      | 44.<br>25    |
| Bontoc, Mountain Province                             |      | 1            | 1.0          |               | 1.0          | 1.0       |       |            |              |   |             |             |      | 35.<br>20.   |
| Candon  |      |              |              |               |              |           |       |            |              |   |             |             |      | 1.           |
| Villavieja, Pilar, Abraa                              | l    | l            |              |               |              |           |       |            |              |   |             |             |      | 1.           |
| Vigan<br>Tuguegarao                                   | j    |              |              |               |              |           |       |            |              |   |             |             |      | 5.           |
| uguegarao<br>∟a Paz, Abraª                            |      | .3           |              |               |              |           |       |            |              | - <b></b>                                 |             |             |      | 28.          |
| aoag  | .3   | .5           |              | 1.3           |              |           |       | i          |              |   | <b>-</b>    | i           |      | 11<br>9.     |
| Aparri  | 14.7 | 2.5          | 9.8          | 5.6           |              | 3.6       | . 3   |            | . 3          |   |             |             |      | 92<br>92     |
| Cape Bojeador   |      |              |              |               |              |           |       |            |              |   |             |             |      | 92.<br>7.    |
| Santo Domingo, Batanes                                | 1.3  | 21.8         | 3.5          |               |              |           |       | 3.2        |              |   |             | 1.4         | 1.4  | 111.         |

Voluntary or coöperative station.
 Rain in 24 hours beginning 7 a. m.

#### MAXIMUM AND MINIMUM TEMPERATURES AT THE STATIONS OF THE WEATHER BUREAU, FEBRUARY, 1918.

|  | _    | Jol  | 0. a  | Isak<br>Basi  |   | Zambo   | anga.   | Dav  | 7 <b>a</b> 0.   | Cota  | bato.   | Caga<br>Misa  | ıyan,<br>ımis.   | Dap  | itan.  | But  | uan.  |
|--|------|--|---|---|---|---|---|--|---|---|---|---|--|--|--|--|---|
| 1  | Day. |  |   |   |   |   |   |  |   |   |   |   |  |  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   |
| Mambajao.   Dumaguete.   Yap, Western Carolines.   Tagbilaran.   Iwahig.   Surigao.   Maasimum.   Maximum.   Mum.       | 28. 4<br>28. 7<br>27. 8<br>27. 8<br>29. 4<br>29. 3<br>29. 28. 3<br>28. 2<br>28. 2<br>28. 9<br>28. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 4<br>20. 3<br>20. 4<br>20. 3<br>20. 4<br>20. 3<br>20. 4<br>20. 3<br>20. 4<br>20. 3<br>20. 4<br>20. 3<br>20. 4<br>20. 3<br>20. 4<br>20. 3<br>20. 4<br>20. 3<br>20. 4<br>20. 3<br>20. 4<br>20. 3<br>20. 4<br>20. 3<br>20. 4<br>20. 3<br>20. 3<br>20. 4<br>20. 3<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 5<br>20. 5<br>20. 6<br>20.  21. 2<br>19. 7<br>19. 9<br>21. 4<br>19. 9<br>21. 87<br>23. 4<br>23. 1<br>22. 7<br>21<br>20. 3<br>20. 1<br>21. 3<br>21. 7<br>23. 6<br>21. 1<br>21. 3<br>21. 7<br>23. 6<br>21. 1<br>21. 3<br>22. 2<br>22. 2<br>22. 2<br>22. 2 | 31. 6<br>30. 3<br>31. 8<br>31. 7<br>30. 9<br>30. 4<br>30. 6<br>32. 9<br>30. 6<br>30. 5<br>30. 6<br>30. 7<br>32. 1<br>31. 1<br>31. 1<br>31. 1<br>32. 1<br>31. 1<br>31. 3<br>32. 1<br>31. 3<br>32. 1<br>33. 2<br>30. 1<br>30. 6<br>30. 6<br>30. 6<br>30. 6<br>30. 6<br>30. 6<br>30. 6<br>30. 6<br>30. 1<br>30. 1 | 21. 6<br>22. 3<br>21. 6<br>21. 3<br>21. 3<br>22. 3<br>22. 3<br>22. 4<br>22. 1<br>22. 6<br>22. 1<br>22. 6<br>22. 1<br>22. 2<br>22. 1<br>22. 3<br>22. 1<br>22. 6<br>22. 1<br>22. 3<br>22. 1<br>22. 6<br>22. 1<br>22. 1<br>22. 6<br>22. 1<br>22. 1<br>22. 6<br>22. 1<br>22. 6<br>21. 1<br>20. 6<br>21. 1<br>20. 6<br>21. 1<br>20. 6<br>21. 1<br>20. 6<br>21. 1<br>21. 1 | 31. 5<br>30. 7<br>28. 8<br>31. 5<br>30<br>29. 1<br>30. 6<br>29. 6<br>28. 3<br>28. 2<br>29. 3<br>29. 6<br>29. 3<br>29. 3<br>29. 6<br>29. 3<br>29. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. | 21. 5<br>22. 9<br>22. 7<br>22. 5<br>22. 4<br>22. 6<br>22. 5<br>22. 3<br>23. 2<br>22<br>22. 7<br>22. 8<br>23. 1<br>22. 2<br>22. 5<br>22. 3<br>22. 9<br>22. 1<br>22. 9<br>22. 5<br>22. 5<br>22. 3<br>22. 5<br>22. 3<br>22. 2<br>22. 5<br>22. | 31. 7<br>31. 4<br>32. 2<br>32. 2<br>32. 2<br>32. 1<br>28. 7<br>27. 2<br>30. 3<br>31. 2<br>31. 8<br>31. 7<br>32. 5<br>27. 6<br>29. 6<br>29. 6<br>30. 7<br>28. 2<br>31. 6<br>31. 6 | 21. 3<br>21. 5<br>20. 9<br>21. 1. 8<br>21. 5<br>21. 9<br>20<br>20<br>21<br>22. 22. 1<br>21. 6<br>21. 2<br>21. 2<br>21. 7<br>20. 3<br>19. 9<br>21. 7<br>20. 4<br>19. 9<br>20. 4  | 31. 1<br>33. 7<br>32. 4<br>30. 1<br>30. 9<br>32. 5<br>29. 4<br>26. 8<br>29. 5<br>31. 6<br>31. 9<br>30. 7<br>31. 3<br>31. 5<br>31. 6<br>29. 8<br>30. 5<br>31. 6<br>31. 6<br>31. 6<br>31. 3<br>31. 5<br>31. 3<br>31. >31. 3<br>31. >31. 3<br>31. >31. 3<br>31. >3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3 | 21. 9<br>22. 5<br>23 21. 8<br>22. 5<br>22. 7<br>21. 9<br>21. 9<br>21. 9<br>22. 8<br>22. 1<br>22. 2<br>22<br>22<br>22<br>22<br>22. 1<br>22. 2<br>22. 1<br>22. 2<br>22. <br>2<br>2<br>2 | 29. 1<br>29. 5<br>27. 4<br>29. 8<br>30<br>30. 1<br>29. 7<br>28. 5<br>26. 6<br>25. 3<br>29<br>29. 8<br>30. 1<br>29. 6<br>25. 3<br>28<br>29. 28<br>29. 6<br>20. 1<br>29. 6<br>20. 26. 6<br>20. 27. 6<br>28. 7<br>27. 6<br>28. 7<br>27. 6<br>28. 7<br>28. 7<br>27. 6<br>28. 7<br>28. 7<br>28. 7<br>29. 6<br>29. 6<br>29. 6<br>29. 7<br>29. 6<br>29. 6 | 21. 2<br>21. 5<br>21. 8<br>20. 9<br>21<br>22. 5<br>21 22. 2<br>21. 6<br>21. 2<br>22. 5<br>22 21. 7<br>20. 9<br>21. 5<br>21. 6<br>21. | 29. 1<br>29. 2<br>30. 4<br>31. 1<br>32. 1<br>32. 1<br>30. 7<br>29. 9<br>27. 8<br>27<br>30. 1<br>30. 4<br>29. 4<br>30. 8<br>31. 9<br>30. 2<br>26. 8<br>28. 6<br>28. 6<br>28. 9<br>30. 4<br>30. 4<br>30. 9<br>30. 9<br>31. 3 | °C. 21. 6 23. 4 21. 5 22. 2 21. 7 21 22. 4 22. 9 22. 2 22. 4 22. 8 22 20. 6 21. 8 22 23. 3 21. 5 23. 3 21. 5 21. 9 23. 8 23. 3 21. 5 21. 9 23. 8 23. 3 21. 5 21. 5 21. 9 23. 8 23. 1 24. 25 25 26. 26. 26. 26. 26. 26. 26. 26. 26. 26. | •C. 29. 4 31.1 1 32.1 32.1 32.2 32.6 32.9 27.6 6 27.6 30.1 1 33.2 5 32.7 31.6 24.6 27.5 27.9 29.1 29.6 28.8 31.4 4 28.4 4 28.4   | °C. 22.7 21.9 21.8 21.8 21.5 22.2 20.9 20.9 22.1 23.1 22.3 22.7 22.2 23.3 22.7 21.4 21.6 21.7 18.9 19.4 21.4 21.4 21.4 21.4 21.4 21.5 |
| Day.     Maxi-   Mini-   mum.   mum |      | <u> </u>   |   |   |   | \   |   |  |   |   |   |   |  | -  | 22. 2  | 30. 1  | 21. 7   |
| Maxi-mum.   Mini-mum.   Mini | Day. | Mam  | bajao.  | Duma  | guete.  | Yap, V<br>Caro  | Vestern<br>lines.   | Tagb   | ilaran.   | Iwa   | hig.  | Sur   | igao.  | Ма   | asin.  | Ce   | ebu.  |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  |      |  |   |   |   |   |   |  |   |   |   |   |  |  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  | 2    | 27. 1<br>28. 2<br>28. 6<br>28. 7<br>29. 1<br>29. 1<br>28. 6<br>24. 3<br>27. 6<br>28. 4<br>29. 1<br>29. 2<br>29. 4  | 23. 2<br>23. 5<br>22. 5<br>21. 6<br>22. 2<br>24. 4<br>22. 7<br>22. 8<br>23. 3<br>22. 7<br>24. 2<br>24. 2<br>24. 2<br>24. 2  | 28. 6<br>29. 2<br>28. 6<br>29<br>28. 5<br>27. 9<br>27. 1<br>27. 1<br>28. 9<br>29. 4<br>29. 4<br>29. 4   | 23. 6<br>23. 2<br>22. 7<br>24<br>22. 8<br>22. 2<br>22. 5<br>23. 3<br>23. 4<br>23. 3<br>22. 1<br>21. 6<br>23. 7<br>23. 5<br>24. 8  | 33. 2<br>33. 7<br>33. 8<br>33. 2<br>29. 7<br>33. 2<br>34. 1<br>34. 33. 8<br>33. 1<br>33. 2<br>33. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 2<br>23. 2<br>23. 2   | 23. 8<br>23. 6<br>24. 3<br>22. 6<br>23<br>22. 8<br>23. 4<br>24. 7<br>24. 2<br>24. 5<br>23. 6<br>23. 6<br>23. 5<br>23. 5<br>24. 1<br>23. 5   | 29. 5<br>30. 8<br>29. 3<br>29. 9<br>31. 7<br>30. 8<br>30. 6<br>29. 7<br>26. 9<br>29. 2<br>30. 4<br>29. 2<br>30. 4<br>29. 6<br>30. 6<br>30. 6<br>30. 6                            | 22. 5<br>22. 4<br>23. 1<br>22. 7<br>22. 5<br>22. 4<br>21. 7<br>21. 4<br>22. 5<br>21. 2<br>20. 5<br>21. 7<br>22. 5<br>21. 2<br>20. 5<br>21. 2<br>22. 4<br>21. 7<br>22. 5<br>21. 2<br>20. 5<br>21. 2<br>20. 5<br>21. 2<br>20. 5<br>21. 2<br>20. 5<br>21. 2<br>20. 5<br>21. 7<br>21. 7<br>22. 5<br>21. 5 | 25. 2<br>27. 3<br>29. 3<br>28. 3<br>29. 5<br>30. 8<br>30. 5<br>29. 7<br>29. 5<br>27. 7<br>31. 5<br>28. 4<br>29. 6<br>31. 1<br>29. 9<br>30. 2<br>27. 7   | 22. 2<br>22. 7<br>22. 3<br>20. 6<br>20. 1<br>20. 9<br>19. 4<br>19. 1<br>19. 9<br>20. 8<br>20. 7<br>20. 9<br>22. 3<br>21. 6<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 9   | 25. 9<br>29. 3<br>30. 4<br>30. 4<br>28. 5<br>30. 4<br>28. 9<br>26. 8<br>25. 3<br>26. 8<br>29. 4<br>27. 9<br>28. 4<br>27. 9<br>29. 4<br>27. 9<br>29. 4<br>27. 9<br>24. 5   | 22. 9<br>22. 8<br>22. 4<br>22 5<br>22. 1<br>23. 9<br>21. 8<br>22. 8<br>22. 8<br>23. 8<br>23. 8<br>23. 8<br>24. 22. 8<br>22. 7<br>23. 3<br>24. 22. 8<br>25. 3<br>26. 23. 4<br>27. 3<br>27. 3  | 29<br>29. 9<br>31. 5<br>32. 2<br>32. 2<br>32. 2<br>31. 27. 8<br>29. 4<br>31. 5<br>32. 5<br>29. 3<br>30. 30. 30. 30. 30. 30. 32. 2  | °C. 22 21 22.2 23 22 22.5 22 21 20.8 21 22.4 21.8 22.3 21.8 22.6 21 21.4 22 21.5 20.4  | °C. 28. 2<br>28. 4<br>27. 6<br>30. 8<br>30. 1<br>29. 6<br>30. 2<br>26. 7<br>26. 5<br>28. 8<br>26. 7<br>29. 5<br>30. 2<br>29. 5<br>30. 2<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 6<br>29. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20 | °C. 23.2 23.7 23.9 23.4 23.2 23.1 22.3 21.8 23.2 22.2 23.2 20.8 23.2 24.5 22.5 7  |

a The minimum temperatures of this station seem to be too low.

#### METEOROLOGICAL BULLETIN.

Maximum and minimum temperatures at the stations of the Weather Bureau, February, 1918—Continued.

|                                       | Ilo   | ilo.  | San<br>Buens   | Jose<br>avista.   | Cu  | yo.  | Orı  | noc.  | Gui   | uan.  | Tacl  | oban.  | Са   | piz.  | Boro   | ngan.  |
|---------------------------------------|---|---|--|---|---|--|--|---|---|---|---|--|--|---|--|--|
| Day.                                  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini   |
|                                       | °C.   | °C.   | °C.  | °C.   | °C.   | °C.<br>23. 9   | °C.  | °C.   | °C.   | °C.   | °C.   | °C.  | °C.  | °C.   | °C.  | °C.  |
| 1                                     | 28  | 22.6  | 30.9   | 22.3<br>21.8  | 27.3<br>28.4  | 23.9<br>24.3   | 26.7<br>27   | 22.8<br>23.2  | 26.3<br>25.5  | 22.5<br>23.1  | 24. 4<br>23. 9  | 21. 6<br>22. 4   | 25.9<br>27.9   | 22.6<br>22.7  | 26. 8<br>25. 6   | 22. 2<br>22. 2   |
| 3                                     | 29.7<br>28.8  | 22.8<br>22.9  | 31.7<br>32.7   | 21.8  | 28.4  | 24. 3  | 28.4   | 23. 2   | 30.8  | 22. 9   | 27.4  | 22. 3  | 29. 1  | 23  | 26.1   | 22. 1  |
| 4                                     | 31.5  | 23.5  | 31.1   | 22. 1   | 29.4  | 24.4   | 30. 9  | 22.2  | 30.5  | 21.8  | 29.9  | 20.9   | 30.6   | 23.2  | 29.8   | 21   |
| 5                                     | 32.1  | 22.5  | 31. 1  | 21.5  | 28.3  | 24.1   | 31.6   | 20.4  | 32.3  | 21.6  | 30.6  | 22.4   | 30. 5  | 22  | 30.1   | 21.  |
| 5<br>6                                | 32.7  | 23.2  | 31.2   | 21.5  | 30.8  | 22   | 31.6   | 20.4  | 30.4  | 20.6  | 31.5  | 20.8   | 30.4   | 22.6  | 29.3   | 20.  |
| 7<br>8                                | 28.9  | 22.7  | 30.3   | 21.5  | 28.9  | 24   | 30.4   | 20.3  | 29.8  | 22.2  | 27. 6   | 22.4   | 27.1   | 23.6  | 27.1   | 21.  |
| 8                                     | 29.4  | 21.7  | 31.7   | 20.5  | 27.6  | 23.6<br>23.2   | 30.8   | 19.9  | 29.2  | 22. 5<br>22. 5  | 27<br>26. 1   | 21.5   | 28.3<br>27.9   | 23.3<br>22.6  | 28<br>27. 6  | 21.<br>19.   |
| <b>9</b>                              | 28.8  | 21.3  | 29.6<br>29.3   | 18.4  | 26. 8<br>25. 7  | 23. 2  | 30. 2<br>27. 9   | 19.6<br>21.9  | 26.9<br>27.5  | 22.5  | 25.9  | 21 5   | 27. 9  | 22.8  | 25.4   | 22.  |
| 0<br>1                                | 26.5  | 23. 4<br>22. 8  | 31.3   | 23<br>22  | 26. 1   | 23. 1  | 31.5   | 22.5  | 28. 7   | 23.2  | 28.8  | 21. 5<br>22. 4   | 27.4   | 23. 5   | 27.3   | 22.  |
| 1<br>2                                | 26. 7<br>27. 7  | 22.1  | 28.8   | 22.9  | 25. 9   | 24.1   | 31.9   | 23. 9   | 27  | 22?   | 24 9  | 22.6   | 26.3   | 23.7  | 26.4   | 23.  |
| 3                                     | 29.8  | 23.5  | 30.8   | 23.1  | 28.5  | 24.3   | 31.6   | 23. 9<br>22. 8  | 26.6  | 22.5  | 29  | 21.3   | 29.9   | 23. 5   | 25.1   | 22.  |
| 34<br>5                               | 30.5  | 22.9  | 32   | 21.5  | 28.3  | 24.5   | 31   | 916   | 28.5  | 22.6<br>23  | 29<br>27. 4<br>29. 4  | 21.9   | 30   | 22.7  | 27.2   | 21.  |
| 5                                     | . 30  | 23.4  | 31.6   | 21.9  | 28.4  | 24.9   | 30.5   | 23. 1<br>23. 4<br>23. 2   | 29.7  | 23  | 29.4  | 23.1   | 30   | 24  | 28.1   | 22   |
| <u>6</u>                              | 29.4  | 23.8  | 31.2   | 21.7  | 28. 7<br>27. 3  | 25.3   | 31   | 23.4  | 30. 3<br>30. 1  | 23. 8<br>23. 4  | 30.6  | 23<br>22. 4  | 30.2   | 23.5  | 30.2   | 21   |
| 7                                     | 29.5  | 23<br>22.3  | 30.8<br>30.7   | 21.9  | 26.9  | 24.3<br>23.5   | 30. 9<br>29. 9   | 23.2  | 26. 5   | 23.4  | 28. 5<br>28   | 22.4   | 28. 5<br>26. 6   | 23.6<br>22.3  | 27<br>27.3   | 23<br>22.  |
| 78<br>89                              | 26.8  | 21.6  | 30. 2  | 20.4  | 27.2  | 23.3   | 29.5   | 22. 4<br>22. 5  | 29.5  | 22.8  | 27.8  | 21.6   | 26.8   | 22. 3   | 27.8   | 21.  |
| )                                     | 27<br>27. 4   | 21.0  | 30.6   | 20.1  | 26.8  | 22.8   | 30   | 22.2  | 29  | 22.3  | 25.4  | 21.3   | 26.1   | 21.4  | 26.8   | 20.  |
| 1                                     | 27.5  | 21.2  | 30.1   | 20.5  | 27.7  | 23   | 29.3   | 21.9  | 28.1  | 23.3  | 27.1  | 21.4   | 28.5   | 22.3  | 28.1   | 20.  |
| 2                                     | 28.8  | 20.7  | 30.8   | 19.5  | 26.8  | 23.2   | 30   | 19.2  | 28.5  | 22.7  | 27.8  | 20.8   | 28.9   | 19.8  | 27.6   | 20.  |
| <u> </u>                              | 27.7  | 20.4  | 31.3   | 17.1  | 26.8  | 22.9   | 30.1   | 18  | 28.7  | 23  | 29.3  | 19.8   | 29.2   | 21.1  | 28.5   | 18   |
| 1<br>2<br>2<br>3<br>4                 | 28.8  | 20.2  | 30.6   | 17  | 26.6  | 22.5   | 30. 5  | 17.4  | 29.6  | 23.2  | 28.4  | 19.6   | 28, 4  | 21.4  | 29.4   | 18   |
| 0                                     | 27.5  | 22.4  | 29.7   | 20.1  | 26.6  | 23.3   | 29.5<br>30.4   | 22. 2<br>19. 9  | 31.1  | 23.6<br>24.5  | 30.8  | 22<br>21.9   | 27.6<br>29.6   | 22. 5<br>22. 7  | 30.1   | 22.<br>20.   |
| 6<br>7                                | 31<br>30. 2   | 22.7<br>21.8  | 31.6<br>31.2   | 18.4<br>19.8  | 28. 2<br>27. 8  | 23. 9<br>24. 1   | 31.8   | 20.4  | 29. 4<br>30   | 24.5  | 28.2<br>31.1  | 21.5   | 29.5   | 22.4  | 27.8<br>30   | 20.  |
| 8                                     | 29.6  | 22.3  | 32.2   | 18.1  | 27.8  | 24   | 31.6   | 19. 4   | 29.6  | 23.8  | 31.3  | 21.5   | 30.1   | 23.4  | 29.4   | 19.  |
|                                       |   |   |  |   |   |  |  |   |   |   |   |  |  | ļ   | ¦  | ·  |
| Mean                                  | . 29  | 22.3  | 30.9   | 20.8  | 27. 7   | 23.7   | 30.2   | 21. 4   | 28.9  | 22.8  | 28.1  | 21.7   | 28.4   | 22.6  | 27.9   | 21.2   |
| Mean                                  | 1   | 22.3  | <u> </u><br>   | 20.8  |   | 23.7   |  | 21. 4<br>blon.  |   | 22. 8   |   | 21.7   | ]  | 22.6<br>aspi.   | Sun  | 21.2   |
| Mean                                  | Catba   | logan.  | Calb   | ayog.   | Mas   | bate.  | Rom  | blon.   | Ba  | tag.  | Sorso   | gon. s   | Leg  | aspi.   | Sun  | nay,<br>am.  |
|                                       | 1   | <u> </u>  | <u> </u><br>   | ]   |   |  |  | <u> </u>  |   | <u> </u>  |   |  | ]  | 1   | Sun  | nay,   |
| Day.                                  | Maxi-mum.   | Mini-mum.   | Maxi-mum.  | Minimum.  | Masi-mum.   | Mini-<br>mum.  | Rom<br>Maxi-<br>mum.   | blon. Minimum.  | Maximum.  | Minimum.  | Sorso<br>Maxi-<br>mum.  | gon. s  Minimum.   | Leg<br>Maxi-<br>mum.   | Mini- mum.  | Sun<br>Gu:<br>Maxi-<br>mum.  | may,<br>am.  |
| Day.                                  | Maxi-mum.   | Minimum.  | Maximum.   | Minimum.  | Masi-mum.   | Mini-mum.  | Rom<br>Maxi-<br>mum.   | Minimum.  | Maximum.  | Mini-<br>mum.   | Sorso Maximum.  | Minimum.   | Leg<br>Maxi-<br>mum.   | Mini- mum.  | Sun<br>Gu:<br>Maxi-<br>mum.  | may,<br>am.  |
| Day.                                  | Maximum.  | Mini-mum.  °C. 21.6 22.2  | Maximum.  °C. 26.8   | Mini-<br>mum.<br>°C.<br>22.1<br>22.7<br>22.6  | Maximum.  | Mini-<br>mum.<br>°C.<br>22.8<br>22<br>23.2   | Rom Maxi- mum.  °C. 27.7   | Minimum.  °C. 21.7  | Maxi-mum.  °C. 24.4 25.8 26.1   | Mini-<br>mum.<br>°C.<br>21. 5<br>22<br>29   | Maximum.  °C. 25.5  | Minimum.   | Maxi-<br>mum.<br>°C.<br>25.3<br>26.9   | aspi.  Minimum.  °C. 22.3 22.4 22.6   | Maxi-<br>mum.  | Min<br>mu  |
| Day.                                  | Catba  Maximum.  °C. 25.6 27.9 30.3   | Mini-mum.  °C. 21.6 22.2 22 21.8  | Calb.  Maximum.  °C. 26.8 27 26.2 28.3   | Mini-<br>mum.<br>°C.<br>22.1<br>22.6<br>22.8  | Maxi-<br>mum.<br>°C.<br>27. 6<br>28. 6  | Mini-<br>mum.<br>°C.<br>22.8<br>22<br>23.2   | Rom Maximum.  °C. 27.7 30 29.9 30  | blon.  Minimum.  °C. 21.7 22 22.9 22.4  | Ba Maximum.  °C. 24.4 25.8 26.1 28.8  | Mini-<br>mum.<br>°C.<br>21. 5<br>22<br>29   | Sorso  Maximum.  °C. 25.5 27.7 28.4   | gon. s  Minimum.  °C. 20 20 20 21  | Maxi-<br>mum.<br>°C.<br>25.3<br>26.9<br>27.4<br>28.5   | aspi.  Minimum.  °C. 22.3 22.4 22.6 23.1  | Sun Gus Maximum.  °C. 28. 9 28. 6 27. 8? 29. 4   | Min mu 22. 22. 21. 22  |
| Day.                                  | Catba  Maximum.  °C. 25.6 27.9 30.3   | Mini-mum.  °C. 21.6 22.2 22 21.8 20.7   | Maximum.  °C. 26.8 27 26.2 28.3 28.6   | Mini-<br>mum.<br>°C.<br>22. 1<br>22. 7<br>22. 6<br>22. 8<br>21. 1   | Maximum.  °C. 27 27.6 28.6 30 30  | Mini-<br>mum.<br>°C.<br>22.8<br>22<br>23.2<br>22.8<br>22.8   | Maxi-<br>mum.<br>°C.<br>27. 7<br>30<br>29. 9<br>30<br>30. 5  | Mini-<br>mum.<br>°C.<br>21. 7<br>22<br>22. 9  | Maximum.  °C. 24.4 25.8 26.1 28.8 29.4  | Mini-<br>mum.<br>°C.<br>21. 5<br>22<br>29   | Maximum.  °C. 25.5 27.7 28.4 30 31.1  | minimum.  °C. 20 20 20 21 21.1   | Maximum.  °C. 25.3 26.9 27.4 28.5 29.4   | aspi.  Minimum.  °C. 22.3 22.4 22.6 23.1 21.6   | Sun Gu:  Maximum.  °C. 28.9 28.6 27.8? 29.4 28.3   | Min mu 22. 22. 21. 22  |
| Day.                                  | Catba  Maximum.  °C. 25.6 25 27.9 30.3 30 29.6  | Mini-mum.  °C. 21.6 22.2 22.1 20.7 19.5   | Maximum.  °C. 26.8 27 26.2 28.3 28.6 29.2  | Mini-<br>mum.<br>°C.<br>22.1<br>22.7<br>22.6<br>22.8<br>21.1<br>20.7  | Maximum.  °C. 27 27.6 28.6 30 30 30   | Mini-<br>mum.<br>°C.<br>22.8<br>22.8<br>22.8<br>22.4   | Maxi-<br>mum.<br>°C.<br>27.7<br>30<br>29.9<br>30<br>30.5<br>32   | Mini-<br>mum.<br>°C.<br>21.7<br>22<br>22.9<br>22.4<br>21.7  | Maximum.  °C. 24.4 25.8 26.1 28.8 29.4 28.5   | Mini-<br>mum.<br>°C.<br>21.5<br>22<br>22.3<br>22.5<br>22.5  | Sorso  Maximum.  °C. 25.5 27.7 28.4 30 31.1 31  | Mini-<br>mum.<br>°C.<br>20<br>20<br>21<br>21. 1<br>21. 2   | Maximum.  °C. 25.3 26.9 27.4 28.5 29.4 30.2  | Mini-<br>mum.<br>°C.<br>22.3<br>22.4<br>22.6<br>23.1<br>21.6<br>21.3  | Sun Gus Maximum.  °C. 28. 9 28. 6 27. 8? 29. 4   | Min<br>mu<br>22.<br>22.<br>22.<br>22.<br>22.<br>22.<br>22.   |
| Day.                                  | Maximum.  °C. 25.6 27.9 30.3 30 29.6 27.8   | Mini-mum.  °C. 21. 6 22. 2 21. 8 20. 7 19. 5 20. 8  | Maximum.  °C. 26.8 27 26.2 28.3 28.6 29.2 28.5   | Mini-<br>mum.<br>°C.<br>22. 1<br>22. 7<br>22. 6<br>22. 8<br>21. 1<br>20. 7  | Maxi-<br>mum.<br>°C.<br>27. 6<br>28. 6<br>30<br>30<br>30<br>27  | Mini-<br>mum.<br>°C.<br>22.8<br>22.2<br>23.2<br>22.8<br>22.4<br>22.4<br>22.8   | Maxi-mum.  °C. 27.7 30 30.5 32 31.8  | oC. 21.7 22 22.9 22.4 21.7 22.6   | Maximum.  °C. 24.4 25.8 26.1 28.8 29.4 28.5 29.8  | Minimum.  °C. 21.5 22 22.3 22.5 22.2  | Sorso  Maximum.  °C. 25.5 27.7 28.4 30 31.1 31  | gon. 2  Minimum.  °C. 20 20 21 21. 1 21. 2 22  | Maximum.  OC. 25.3 26.9 27.4 28.5 29.4 30.2 27.6   | oC. 22.3 22.4 22.6 23.1 21.6 21.3 23.4  | Sun Gu:  Maximum.  °C. 28.9 28.6 27.8? 29.4 28.3   | Min mu 22. 22. 22. 22. 22. 23.   |
| Day.                                  | Maximum.  °C. 25.6 27.9 30.3 30 29.6 27.8   | Minimum.  °C. 21. 6 22. 2 22. 21. 8 20. 7 19. 5 29. 8 18. 8   | Calb.  Maximum.  °C. 26.8 27 26.2 28.3 28.6 29.2 28.5 28.6   | Mini-<br>mum.<br>°C.<br>22.1<br>22.7<br>22.6<br>22.8<br>21.1<br>20.7<br>21.7<br>21.7<br>20.6  | Maxi-<br>mum.<br>°C.<br>27<br>27. 6<br>28. 6<br>30<br>30<br>30<br>27<br>28. 6   | Mini-<br>mum.<br>°C.<br>22.8<br>22<br>23.2<br>22.8<br>22.4<br>22.4<br>22<br>23.5<br>22.5   | Rom  Maxi-  mum.  °C. 27.7 30 29.9 30.5 32 31.8 31.5   | Mini-<br>mum.  °C. 21.7 22 22.9 22.4 21.7   | Maxi-<br>mum.<br>°C.<br>24. 4<br>25. 8<br>26. 1<br>28. 8<br>29. 4<br>28. 5<br>29. 8<br>26. 8  | Mini-<br>mum.<br>°C.<br>21.5<br>22<br>22<br>22.3<br>22.5<br>22<br>22<br>22<br>22  | Sorso  Maximum.  °C. 25.5 27.7 28.4 30 31.1 31 30 28.5 28.5   | Minimum.  °C. 20 20 21 21. 1 21. 2 22 20. 1  | Maximum.  °C. 25.3 26.9 27.4 28.5 29.4 30.2 27.6 27.8  | oC. 22.3 22.4 22.6 23.1 21.6 21.3 23.4 22.8   | Sun Gu: Maximum.  °C. 28. 9 28. 6 27. 87 29. 4 28. 3 28. 1   | may, am.  Mii mu  22. 22. 22. 22. 22. 22. 23. 23.  |
| Day.                                  | Maximum.  °C. 25.6 27.9 30.3 30 29.6 27.8   | Minimum.  °C. 21.6 22.2 22.8 20.7 19.5 20.8 18.8 18.3 22.2  | Calb.  Maximum.  °C. 26.8 27 26.2 28.3 28.6 29.2 28.5 28.6 27.6  | Mini-<br>mum.<br>°C.<br>22.1<br>22.7<br>22.6<br>22.8<br>21.1<br>20.7<br>21.7<br>21.7<br>21.7<br>21.9  | Maximum.  °C. 27 27.6 28.6 30 30 27 28.6 29.4 26  | Mini-<br>mum.<br>°C.<br>22.8<br>22<br>23.2<br>22.8<br>22.4<br>22<br>23.5<br>22.4<br>22.8   | Maxi-<br>mum.<br>°C. 27.7<br>30<br>29.9<br>30.5<br>32<br>31.8<br>31.5<br>30.5  | oC. 21.7 22 22.9 22.4 21.7 22.6   | Maxi-<br>mum.<br>°C.<br>24. 4<br>25. 8<br>26. 1<br>28. 8<br>29. 4<br>28. 5<br>29. 8<br>26. 4<br>27. 8                               | mini-<br>mum.<br>°C.<br>21. 5<br>22<br>22<br>22. 3<br>22. 5<br>22<br>22<br>22. 22<br>21. 6  | Sorso  Maximum.  °C. 25.5 27.7 28.4 30 31.1 31 30 28.5 28.5   | minimum.  °C. 20 20 21 21. 1 21. 2 22 20. 1 20. 3  | Maximum.  °C. 25.3 26.9 27.4 28.5 29.4 30.2 27.6 27.8  | aspi.  Minimum.  °C. 22.3 22.4 22.6 23.1 21.6 21.3 23.4 22.8  | Sun Gu: Maximum.  °C. 28.9 28.6 27.8? 29.4 28.3 28.1   | may, am.  Minmu  22. 22. 21. 22. 22. 22. 22. 23. 23.   |
| Day.                                  | Maximum.  °C. 25.6 27.9 30.3 30 29.6 27.8 29.5 26.3 24.5  | Minimum.  °C. 21. 6 22. 2 21. 8 20. 7 19. 5 20. 8 18. 8 18. 3 22. 2 21. 5   | Maximum.  Calb  Calb  Maximum.  Calb | Mini-<br>mum.<br>°C.<br>22. 1<br>22. 7<br>22. 6<br>22. 8<br>21. 1<br>20. 7<br>21. 7<br>20. 6<br>19. 2<br>22. 8  | Maximum.  °C. 27 27.6 28.6 30 30 27 28.6 29.4 26  | Mini-mum.  °C. 22.8 22 23.2 22.8 22.4 22.8 22.4 22.8 22.6 23.2   | Maxi- mum.  °C. 27.7 30 29.9 30 30.5 32 31.8 31.5 28.3 27.4  | Mini-mum.  °C. 21.7 22 22.9 22.4 21.7 22.6 21.4 21.2 22.7 21.8  | Maximum.  °C. 24.4 25.8 26.1 28.8 29.4 28.5 29.8 26.4 27.8 24.4 26.4 26.4   | Minimum.  °C. 21.5 22 22.3 22.5 22.22 22.16 22 22.5 21.6 22 22.5 21.7   | Sorso  Maximum.  °C. 25.5 27.7 28.4 30 31.1 31 30 28,5  | Minimum.  °C. 20 20 21 21. 1 21. 2 22 20. 1  | Maximum.  OC. 25.3 26.9 27.4 28.5 29.4 30.2 27.6 27.8 28 25.4 25.4 25.4  | aspi.  Minimum.  °C. 22.3 22.4 22.6 21.3 23.4 22.8 23.1 22.8 23.1   | Sun Gu: Maximum.  °C. 28.9 28.6 27.8? 29.4 28.3 28.1   | may, am.  Miimu  22. 22. 21. 22. 22. 22. 23. 23. 23. 23.   |
| Day.  1 2 2 3 4 4 5 6 6 7 7 8 9 0 1 1 | Maximum.  °C. 25.6 27.9 30.3 30 29.6 27.8 29.5 26.3 24.5  | Mini-mum.  °C. 21. 6 22. 2 22 21. 8 20. 7 19. 5 20. 8 18. 8 18. 8 12. 2 21. 5 22. 2 21. 5 22. 2   | Maximum.  °C. 26.8 27 26.2 28.3 28.6 29.2 28.5 28.6 27.6 25.3 25.2   | Mini-<br>mum.<br>°C.<br>22. 1<br>22. 6<br>22. 8<br>21. 1<br>20. 7<br>21. 7<br>20. 6<br>19. 2<br>22. 8<br>22. 9<br>22. 8                                   | Maximum.  °C. 27 27. 6 28. 6 30 30 27 28. 6 29. 4 26 27 27  | Mini-<br>mum.<br>°C.<br>22.8<br>22.2<br>23.2<br>22.8<br>22.4<br>22.8<br>22.4<br>22.8<br>22.6<br>23.2<br>22.8                         | Maxi-mum.  °C. 27.7 30 30.5 32 31.8 31.5 28.3 27.4 27.5  | blon.  Minimum.  °C. 21.7 22.9 22.4 21.7  | Maximum.  °C. 24.4 25.8 26.1 28.8 29.4 26.4 27.8 24.4 26.4 26.4   | Minimum.  °C. 21.5 22 22.3 22.5 22 21.6 22 22.5 21.7 22.5   | Maximum.  °C. 25.5.5 27.7 28.4 30 31.1 31 30 28.5.5 28.5 28.7.2 26.5.5  | Mini-mum.  °C. 20 20 21 21. 1 21. 2 22 20. 1 20. 3 20. 1 20. 1 20. 1   | Maximum.  °C. 25.3 26.9 27.4 28.5 29.4 30.2 27.6 27.8 28 25.4 25.5   | Mini-<br>mum.<br>°C.<br>22. 3<br>22. 4<br>22. 6<br>23. 1<br>21. 6<br>21. 3<br>23. 4<br>22. 8<br>23<br>23. 1<br>23. 23. 1<br>23. 23. 1   | Sun Gu:  Maximum.  °C. 28. 9 28. 6 27. 8? 29. 4 28. 3 28. 1  29. 4 28. 3 29. 4?  | may, am.  Min mu  22. 22. 21. 22. 22. 23. 23. 23. 23. 23. 23.  |
| Day.  1                               | Maximum.  °C. 25.6 25.9 30.3 30 29.6 27.8 29.5 26.3 24.5 28.2 25.6  | Minimum.  °C. 21. 6. 22. 2 22. 21. 8 20. 7 19. 5 20. 8 18. 8 18. 8 22. 2 21. 5 22. 8 22. 8  | Maximum.  °C. 26.8 27 26.2 28.3 28.6 29.2 28.5 27.6 27.6 27.3 25.2   | Mini-mum.  °C. 22.17 22.6 22.8 21.1 20.7 21.7 20.6 19.2 22.9 22.9 22.6  | Maximum.  °C. 27 27. 6 28. 6 30 30 27 28. 6 29. 4 26 27 27  | Mini-mum.  °C. 22.8 22 23.2 22.8 22.4 22. 8 22.4 22.8 22.6 23.2 23.6 23.6 22.6   | Maxi-mum.  °C. 27.7 30 29.9 30 30.5 32.8 31.5 28.3 27.4 27.5 29.4  | blon.  Minimum.  °C. 21. 7 22 22. 9 22. 4 21. 7 21. 8 22. 9 22. 8 22. 9   | Maximum.  °C. 24.4 25.8 26.1 28.8 29.4 26.4 27.8 24.4 26.4 26.4   | Minimum.  °C. 21.5 22 22.3 22.5 22 21.6 22 22.5 21.7 22.5 21.7  | Maximum.  °C. 25.5.5 27.7 28.4 30 31.1 31 30 28.5.5 28.5 28.7.2 26.5.5  | Minimum.  °C. 20 20 21 21. 1 21. 2 22 20. 1 20. 3 20. 1 20. 1 20. 1 20. 1  | Maximum.  °C. 25.3 26.9 27.4 28.5 29.4 30.2 27.6 27.8 28 25.4 25.4 25.5 25.3   | aspi.  Minimum.  °C. 22.3 22.4 22.6 23.1 21.6 21.3 23.4 22.8 23.1 23.7 23.6   | Sun Gu:  Maximum.  °C. 28.9 28.6 27.8? 29.4 28.3 28.1  | may, am.  Min mu  22. 22. 21. 22. 22. 23. 23. 23. 23. 23. 23. 23. 23   |
| Day.  1                               | Maximum.  °C. 25.6 25.9 30.3 30 29.6 27.8 29.5 26.3 24.5 28.2 25.6 25.4 26.3  | Mini-mum.  °C. 21. 6 22. 2 21. 8 20. 7 19. 5 20. 8 18. 8 18. 8 18. 3 22. 2 21. 5 22. 8  | Calb.  Maximum.  °C. 26.8 27 26.2 28.3 28.6 29.6 25.6 27.6 25 27.3 25.2 25.4 29.2  | Mini-mum.  °C. 22. 1 22. 7 22. 6 22. 8 21. 1 20. 7 21. 7 20. 6 19. 2 22. 8 22. 9 22. 8 22. 9 22. 6 22. 4 21. 2  | Masi-mum.  °C. 27 27.6 28.6 30 30 27 28.6 29.4 26 27 27 28.6 29.6   | Minimum.  °C. 22.8 22 23.2 22.4 22.4 22.4 22.8 22.4 22.8 22.6 23.6 23.6 23.6   | Rom  Maximum.  °C. 27.7 30 29.9 30 30.5 32 31.8 31.5 28.3 27.4 27.5 29.4   | Mini-mum.  °C. 21.7 22.22.9 22.4 21.7   | Maximum.  °C. 24.4 25.8 26.1 28.8 29.4 28.5 29.8 24.4 26.2 25.8   | Mini-mum.  °C. 21.5 22 22 22.3 22.5 22.6 22 21.6 22 22.5 21.7 22.5 21.3 22.4  | Sorso  Maximum.  °C. 25.5 27.7 28.4 30 31.1 31 30 28.5 28.5 28.7 22.6.5 26.7 27.5   | gon. s  Minimum.  °C. 20 20 20 21 21. 1 21. 2 22 20. 1 20. 1 20. 1 20. 1 20. 1 20. 1 20. 1                       | Maximum.  °C. 25.3 26.9 27.4 28.5 29.4 30.2 27.6 27.8 28.4 25.4 25.5 29.5 20.3   | aspi.  Minimum.  °C. 22.3 22.4 22.6 23.1 21.6 21.3 23.4 22.8 23.1 23.7 23.6 23.6  | Sun Gu:  Maximum.  °C. 28.9 28.6 27.8? 29.4 28.3 28.1  | may, am.  Min mu 22. 22. 22. 22. 23. 23. 23. 23. 23. 23.   |
| Day.  1                               | Maxi-mum.  °C. 25.6 25.9 30.3 30 29.6 27.8 29.5 26.3 24.5 28.2 25.6 25.4 26.3 28.3  | Mini-mum.  °C. 21.6 22.2 21.8 20.7 19.5 20.8 18.8 18.3 22.2 21.5 22.8 21.5 22.8   | Maximum.   | Mini-mum.  °C. 1 22. 7 22. 6 22. 8 21. 1 20. 7 21. 7 22. 22. 8 22. 9 22. 6 22. 4 21. 2 22. 4 21. 2 22. 4  | Maximum.  °C. 27 27.6 28.6 30 30 27 28.6 29.4 26 27 28.6 29.8   | Minimum.  °C. 22.8 222 23.2 22.8 22.4 222 23.5 22.4 22.8 22.8 22.6 23.2 23.6 23.2 23.6   | Rom  Maximum.  °C. 27.7 30 29.9 30 30.5 32 31.8 31.5 28.3 27.4 27.5 29.4   | blon.  Minimum.  °C. 21.7 22 22.9 22.4 21.7 22.6 21.4 21.2 22.7 21.8 22.9 22.7 21.8 22.9 22.7 22.8  | Maximum.  °C. 24.4 25.8 26.1 28.8 29.4 28.5 29.4 22.5 29.8 26.4 27.8 26.4 26.2 25.8 25.3  | Minimum.  °C. 21.5 22 22 22.3 22.5 22.5 21.6 22 21.7 22.5 21.7 22.5 21.3 22.4 22.2  | Maximum.  °C. 25.5.5 27.7 28.4 30 31.1 31 30 28.5 28.5 28.7 27.5 27.9   | gon. s  Minimum.  °C. 20 20 20 21 21. 1 21. 2 22 20. 1 20. 1 20. 1 20. 1 20 19. 5 20 20 20                       | Maximum.  25. 3 26. 9 27. 4 28. 5 29. 4 30. 2 27. 6 27. 8 28. 4 25. 4 25. 5 25. 3 26. 8 28. 8  | Minimum.  C. 22.3 22.4 22.6 23.1 21.6 21.3 23.4 22.8 23 23.1 23.6 23.7 23.6 23 723.6 23 22.9  | Sunn Gu:  Maximum.  °C. 28.9 28.6 27.8? 29.4 28.3 28.1   | may, am.  Miimu 22.22.21. 22. 22. 22. 23. 23. 23. 23. 23. 23. 22. 22   |
| Day.  1                               | Maxi-mum.  °C. 25.6 25.9 30.3 30 29.6 27.9 26.3 24.5 28.2 25.6 26.3 24.5 28.3 29.6  | Mini-mum.  °C. 21. 6 22. 2 21. 8 20. 7 19. 5 20. 8 18. 8 18. 3 22. 2 21. 5 22. 8 21. 5 22. 8 21. 5 22. 8 21. 5  | Calb.  Maximum.  °C. 26.8 27 26.2 28.3 28.6 29.2 28.5 27.6 25.4 25.2 25.2 28.9   | Mini-mum.  °C. 22.1 22.7 22.6 22.8 21.1 20.7 21.7 20.6 19.2 22.8 22.9 22.6 22.4 21.2 22.4   | Maximum.  °C. 27 27.6 28.6 30 30 27 28.6 29.4 26 27 27 28.6 29.8 30   | Mini-<br>mum.<br>°C.<br>22.8<br>22.2<br>23.2<br>22.4<br>22.2<br>23.5<br>22.4<br>22.8<br>22.6<br>23.6<br>22.6<br>23.6<br>23.6<br>23.6 | Rom  Maximum.  °C. 27.7 30 29.9 30 30.5 32 31.8 31.5 28.3 27.4 27.5 29.4 32.4 32.7   | blon.  Minimum.  °C. 21.7 22.9 22.4 21.7  22.6 21.4 21.2 22.7 21.8 22.9 22.7 22.8 22.1  | Maximum.  °C. 4. 4 25. 8 26. 1 28. 8 29. 4 28. 5 29. 8 24. 4 26. 2 25. 8 25. 3 26. 7 29   | Mini-mum.  °C. 21.5 22 22 22.3 22.5 22 21.6 22 21.7 22.5 21.7 22.5 21.3 22.4 22.2 22.8  | Sorso  Maximum.  °C. 25.5 27.7 28.4 30 31.1 31 30 28.5 28.5 26.7 27.2 26.5 27.7 27.9 29.8   | gon. s  Minimum.  °C. 20 20 21 21. 1 21. 2 22 20. 1 20. 3 20. 1 20. 1 20. 1 20. 1 20. 1 20. 20 20 20 20 20 20. 6 | Maximum.  °C. 25.3 26.9 27.4 28.5 29.4 30.2 27.6 27.8 28.4 25.4 25.5 26.8 28.8 28.8  | aspi.  Minimum.  °C. 22.3 22.4 22.6 23.1 21.6 21.3 23.4 22.8 23.7 23.6 23.7 23.6 23.9 22.9 23.9   | Sun Gu: Maximum.  °C. 28.9 28.6 27.87 29.4 28.3 28.1   | Minmu  22. 21. 22. 22. 23. 23. 23. 23. 23. 22. 23. 23  |
| Day.  1                               | Maxi-mum.  °C. 25.6 25.9 30.3 30 29.6 27.9 26.3 24.5 28.2 25.6 26.3 24.5 28.3 29.6  | Mini-mum.  °C. 21. 6 22. 2 21. 8 20. 7 19. 5 20. 8 18. 8 18. 8 22. 2 21. 5 20 22 20. 3 22. 0 3  | Calb.  Maximum.  °C. 26.8 27 28.2 28.3 28.6 29.2 28.5 28.6 27.6 25.4 29.2 25.4 29.2 28.9 31 26   | Mini-mum.  °C. 22.1 22.7 22.6 22.8 21.1 20.7 21.7 20.6 19.2 22.8 22.9 22.6 22.4 21.2 21.4 21.4  | Maxi-mum.  °C. 27, 6 28, 6 30 30 27 28, 6 29, 4 26 29, 8 30 6 29, 8 30 6 29, 8 30 6 20, 8 20, 8 20, 8 20, 8 20, 8 20, 8 20, 8 20, 8 20, 8 20, 8 20, 8 20, | Mini-mum.  °C. 22.8 22.2 23.2 22.8 22.4 22.8 22.4 22.8 22.6 23.6 23.6 23.6 23.6 23.6 23.6 23.6                                       | Rom  Maximum.  °C. 27. 7 30 30. 5 32. 31. 8 31. 5 30. 5 28. 3 27. 4 27. 5 29. 4 32. 7 32. 9 30. 7  | blon.  Minimum.  °C. 21.7 22.9 22.4 21.7 21.8 22.6 21.4 21.2 22.7 21.8 22.9 22.7 22.8 22.1 22.1   | Maximum.  °C. 24.4 25.8 26.1 28.8 29.4 28.5 29.8 26.4 27.8 24.4 26.2 25.8 25.8 26.3 26.7 29 24.5                                    | Mini-mum.  °C. 21.5 22 22.3 22.5 22 22.16 22 22.5 21.7 22.5 21.3 22.4 22.2 22.8 22.8  | Sorso  Maximum.  °C. 25.5 27.7 28.4 30 31.1 31 30 28.5 28.5 27.9 26.6 7 27.5 27.9 29.8 26.2 27.9 29.8   | Minimum.  °C. 20 20 20 21 21. 1 21. 2 22 20. 1 20. 1 20. 1 20. 1 20. 20 20 20 20 20 20 20 20 20 20 20 20 20 2    | Maximum.  °C. 25.3 26.9 27.4 28.5 29.4 30.2 27.6 27.8 28.4 25.4 25.4 25.5 25.3 26.8 28.8 29.8  | aspi.  Minimum.  °C. 22.3 22.4 22.6 23.1 21.6 21.3 23.4 22.8 23.7 23.6 23.2 23.7 23.6 23.2 23.7 23.6 23.2 23.7 23.6 23.2 23.7 23.6 23.2 23.7 23.6 23.2 23.7 23.6 23.2 23.7 23.6 23.2 23.7 23.6 23.2 23.7 23.6 23.2 23.7 23.6 23.2 23.7 23.6 23.2 23.7 23.6 23.2 23.7 23.6 23.2 23.7 23.6 23.2 23.7 23.6 23.2 23.7 23.6 23.2 23.5 23.5 | Sun Gu:  Maxi-  mum.  °C. 28. 9 28. 6 27. 8? 29. 4 28. 3 28. 1   | may, am.  Minmu 22. 22. 22. 22. 22. 23. 23. 23. 23. 23.  |
| Day.  1                               | Maxi-mum.  °C. 25.6 25.9 30.3 30 29.6 27.9 26.3 24.5 28.2 25.6 26.3 24.5 28.3 29.6  | Minimum.  °C. 21. 6 22. 2 21. 8 20. 7 19. 5 20. 8 18. 8 18. 8 12. 2 21. 5 20 22. 2 21. 5 20 22. 2 21. 7 20  | Calb.  Maximum.  °C. 26.8 27 26.2 28.3 28.6 29.2 28.5 27.6 25.4 25.2 25.2 28.9   | Mini-mum.  °C. 22.1 22.7 22.6 22.8 21.1 20.7 21.7 20.6 19.2 22.8 22.9 22.6 22.4 21.2 22.4   | Maximum.  °C. 27.6 28.6 30 30 27 28.6 29.4 26 27 28.6 29.8 30 30.6 27.7 28.6 29.7 28.6 29.7 28.6 29.7 28.6 29.7 29.8  | Mini-<br>mum.  °C. 22.8 22 23. 2 22.8 22.4 22.5 22.4 22.6 23.6 23.6 23.6 23.6 23.8 23.2 23.2   | Rom  Maximum.  °C. 27.7 30 29.9 30 30.5 32 31.8 31.5 28.3 27.4 27.5 29.4 32.4 32.7   | blon.  Minimum.  °C. 21.7 22.9 22.4 21.7  22.6 21.4 21.2 22.7 21.8 22.9 22.7 22.8 22.1  | Maximum.  °C. 4. 4 25. 8 26. 1 28. 8 29. 4 28. 5 29. 8 24. 4 26. 2 25. 8 25. 3 26. 7 29   | Mini-<br>mum.<br>°C.<br>21.5<br>22<br>22.3<br>22.5<br>22<br>22.1.6<br>21.7<br>22.5<br>21.7<br>22.5<br>21.7<br>22.5<br>21.2<br>22.5<br>21.5<br>22.5<br>21.5<br>22.5<br>22.5<br>21.5<br>22.5<br>22.5<br>22.5<br>22.5<br>21.5<br>22.5<br>22.5<br>22.5<br>22.5<br>21.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22. | Sorso  Maximum.  °C. 25.5.5 27.7 28.4 30 31.1 31 30 28.5 28.5 28.5 28.7 27.5 26.7 27.5 27.9 29.8 26.2 26.2  | gon. s  Minimum.  °C. 20 20 21 21. 1 21. 2 22 20. 1 20. 3 20. 1 20. 1 20. 1 20. 1 20. 1 20. 20 20 20 20 20 20. 6 | Maxi-mum.  25.3 26.9 27.4 28.5 29.4 28.5 29.4 25.5 25.3 26.8 28.8 28.8 29.8 26.1   | Mini-mum.  °C. 22.3 22.4 22.6 23.1 21.3 23.4 22.8 23.2 23.7 23.6 23.9 22.9 23.5 22.5 22.5   | Sun Gu: Maxi- mum.  °C. 28.9 28.6 27.8? 29.4 28.3 28.3 29.4? 28.3 27.8 28.4 29.29 29.4   | may, am.  Min mu  22. 22. 21. 22. 22. 23. 23. 23. 23. 23. 22. 22. 25. 22. 25. 23.                            |
| Day.  1                               | Maxi-mum.  °C. 25.6 25.9 30.3 30 29.6 27.9 26.3 24.5 28.2 25.6 26.3 24.5 28.3 29.6  | Mini-mum.  °C. 21.6 22.2 21.8 20.7 19.5 20.8 18.8 18.3 22.2 21.5 22.8 21.5 22.8 21.5 22.2 21.7 20 22.2 21.7   | Calb.  Maximum.  °C. 26.8 27 26.2 28.3 28.6 29.2 28.5 27.6 27.6 27.6 27.8 25.4 29.2 28.9 31 26 26.2 26.7   | Mini-mum.  °C. 22.1 22.7 22.6 22.8 21.1 20.7 20.6 19.2 22.8 22.9 22.4 21.2 22.4 21.4 22.7 21.6 20.7   | Maximum.  °C. 27 27. 6 28. 6 30 30 27 28. 6 29. 4 26 27 27 28. 6 29. 8 30 26. 6 27, 6 29. 6 27, 6 27, 6 27, 6 27, 6 27, 4   | Mini-mum.  °C. 22.8 22.8 22.2 23.2 22.8 22.4 22.8 22.6 23.6 23.6 23.6 23.6 23.6 23.6 23.6  | Rom  Maxi-  mum.  °C. 27.7 30 30.5 32.31.8 31.5 30.5 28.3 27.4 27.5 29.4 32.7 32.9 30.7 32.9 30.3 30.3   | blon.  Minimum.  °C. 21.7 22.9 22.4 21.7 21.6 21.4 21.2 22.7 21.8 22.9 22.7 21.8 22.1 22.1 22.1 22.1 20.3   | Bai Maximum.  °C. 24. 4 25. 8 26. 1 28. 8 29. 4 28. 5 29. 8 26. 4 27. 8 24. 4 26. 4 26. 2 25. 8 25. 3 26. 7 29 24. 5 25. 6 24. 3 26 | Minimum.  °C. 21.5 22 22.3 22.5 22.5 21.6 22 21.6 22.1.7 22.5 21.7 22.5 21.3 22.4 22.2 22.8 22.5 21.6 20.3  | Sorso  Maximum.  °C. 25.5 27.7 28.4 30 31.1 31 28.5 28.5 28.7 27.5 27.9 29.8 26.2 26.2 26.2 26.5 27.9 29.8  | Minimum.  °C. 20 20 20 21 21. 1 21. 2 22 20. 1 20. 1 20. 1 20. 1 20. 20 20 20 20 20 20 20 20 20 20 20 20 20 2    | Maximum.  °C. 25.3 26.9 27.4 28.5 29.4 30.2 27.6 28.5 28.4 25.4 25.5 26.8 28.8 29.8 29.8 20.1 24.3 26.3                                    | Mini-<br>mum.  °C. 22.3 22.4 22.6 23.1 21.6 21.3 23.4 22.8 23.7 23.6 23.7 23.6 23.5 22.5 21.3 21.3 21.3   | Sun Gu:  Maximum.  °C. 28.9 28.6 27.8? 29.4 28.3 28.1  | may, am.  Min mu  22. 22. 21. 22. 22. 23. 23. 23. 23. 23. 23. 23. 23   |
| Day.  1                               | Catba Maximum.  °C. 25.6 25.9 27.9 30.3 30 29.6 27.8 29.5 26.3 24.5 28.2 25.6 25.4 26.3 28.3 28.3 29.6 27.6 28.2 27.3                     | Minimum.  °C. 21. 6 22. 22 22. 21. 8 20. 7 19. 5 20. 8 18. 8 18. 8 21. 5 20 22 20. 3 22. 2 21. 7 20 20. 3 22. 2 21. 7 20 21. 5  | Calb.  Maximum.  °C. 26.8 27 26.2 28.6 29.2 528.6 27.6 25.2 25.4 29.2 228.9 31 26 26.2 26.7 27.2 26.7 27.2 27.2 28.9 26.2 26.7 27.2 28.9 26.2 26.7 27.2 28.9 26.2 26.7 27.2 28.9 26.2 26.7 27.2 28.9 26.2 26.7 27.2 28.9 26.2 26.7 27.2 28.9 26.2 26.7 27.2 28.9 26.2 26.7 27.2 28.9 26.2 26.7 27.2 27.2 28.9 26.2 26.7 27.2 28.9 26.2 26.7 27.2 27.2 28.9 27.2 28.9 28.0 26.2 26.2 26.2 26.2 26.2 26.2 26.2 26  | Minimum.  °C. 22.17 22.6 22.8 21.1 20.7 21.7 20.6 19.2 22.8 22.9 22.4 21.2 21.4 21.7 21.7 21.6 20.7   | Maximum.  °C. 27. 6 28. 6 30 30 27 28. 6 29. 4 26 27 28. 6 29. 8 30 30 27 28. 6 27, 6 29. 6 29. 8 20. 6 27, 6 29. 8 20. 6 27, 6 29. 8   | Minimum.  °C. 22.8 22 23. 2 22.4 22. 4 22. 6 23. 6 23. 6 23. 6 23. 6 23. 8 22. 2 20. 5 21. 6   | Rom  Maximum.  °C. 27.7 30 29.9 30 30.5 32.31.8 31.5 28.3 27.4 27.5 29.4 32.7 32.9 30.7 31.5 30.3 30.9 29.7  | Minimum.  °C. 21.7 22 22.9 22.4 21.7 21.4 21.2 22.7 21.8 22.9 22.7 21.8 22.9 22.7 22.8 22.1 22.4 21.9 20.3 20.4 21.4  | Ba:  Maximum.  °C. 24. 4 25. 8 26. 1 28. 8 29. 4 28. 5 29. 8 24. 4 26. 4 26. 2 25. 8 25. 3 26. 7 29 24. 5 25. 6 24. 3 26 27. 3      | Minimum.  °C. 21.5 22 22.3 22.5 22 21.6 22.5 21.7 22.5 21.7 22.5 21.6 20.3 20.3 20.3  | Sorso  Maximum.  25.5.5 27.7 28.4 30 31.1 31 30 28.5 28.5 26.7 27.5 26.7 27.9 29.8 26.2 26.2 26.5 25.5 26.7   | Minimum.  °C. 20 20 20 21 21. 1 21. 2 22 20. 1 20. 1 20. 1 20. 20 6 20. 20 20 20 20 20 20 20 20 20 20 20 20 20 2 | Maximum.  °C. 25.3 26.9 27.4 28.5 29.4 30.2 27.6 27.8 28.4 25.4 25.5 26.8 28.8 29.8 29.8 20.1 24.3 26.3                                    | aspi.  Minimum.  °C. 22.3 22.4 22.6 23.1 21.6 23.7 23.6 23.7 23.6 22.9 23.5 22.5 21.3 20.5 21.5   | Sun Gu: Maximum.  °C. 28.9 28.6 27.8? 29.4 28.3 28.1 29.4? 28.3 29.4? 28.3 29.4? 28.3 29.4? 29.3 30.3 30.3 30.3 30.3 30.3 30.3 30.3 3  | Min mu 22. 22. 22. 22. 23. 23. 23. 23. 22. 25. 23. 23. 23. 23. 23. 23. 23. 23. 23. 23                        |
| Day.  1                               | Maxi-mum.  °C. 25. 6 25. 9 30. 3 30 29. 6 27. 8 29. 5 28. 2 25. 6 25. 4 26. 3 29. 6 28. 2 27. 3 28. 3 29. 6 28. 2 27. 7 27                | Mini-mum.  °C. 21. 6 22. 2 21. 8 20. 7 19. 5 20. 8 18. 8 18. 3 22. 2 21. 5 20 22. 21. 5 20 22. 21. 5 20 22. 21. 5 20 20. 2 21. 7 20 20. 2 21. 7 20 20. 2 18. 5 18. 5  | Calb.  Maximum.  °C. 26.8 27 26.2 28.3 28.6 29.2 28.5 27.6 25.4 29.2 28.5 27.3 25.4 29.2 28.6 26.6 26.7 27.7 27.6 26.6   | Mini-mum.  °C. 22.1 22.7 22.6 22.8 21.1 20.7 21.7 20.6 19.2 22.8 22.9 22.4 21.2 21.4 21.4 22.7 21.6 20.6 19.8   | Maxi-mum.  °C. 27, 6 28, 6 30 30 27 28, 6 29, 4 26 29, 8 30 6 29, 8 30 6 27, 6 29, 8 30 6 27, 6 25, 4 28, 8 29  | Mini-mum.  °C. 22.8 22 23.2 22.8 22.4 22.8 22.4 22.6 23.6 23.6 23.6 23.6 23.6 23.6 23.6  | Rom  **C. 27. 7 30 30. 5 32 31. 8 31. 5 28. 3 27. 4 27. 5 29. 4 32. 4 32. 4 32. 7 30. 5 30. 3 30. 9 29. 7 30. 4  | blon.  Minimum.  °C. 21.7 22.9 22.4 21.7 21.8 22.7 21.8 22.9 22.7 21.8 22.9 22.7 21.8 22.9  | Maximum.  °C. 24.4 25.8 26.1 28.8 29.4 28.5 29.8 26.4 26.2 25.8 26.3 26.7 29 24.5 25.6 24.3 26 27.3                                 | Minimum.  °C. 21.5 22 22.3 22.5 22.5 21.6 22.5 21.7 22.5 21.3 22.4 22.2 22.8 20.3 20.3 20.4 21.6  | Sorso  Maximum.  °C. 25.5 27.7 28.4 30 31.1 31 30 28.5 28.5 28.2 27.2 26.6 7 27.5 29.8 27.2 26.5 26.7 27.5 26.5 26.5 26.5 26.5  | Minimum.  °C. 20 20 20 21 21. 1 21. 2 22 20. 1 20. 1 20. 1 20. 1 20. 20 19. 5 20 20. 6 20. 2 19                  | Maximum.  °C. 25.3 26.9 27.4 28.5 29.4 30.2 27.6 27.8 28.4 25.4 25.4 25.3 26.8 29.8 29.8 29.8 20.1 26.1                                    | aspi.  Minimum.  °C. 22.3 22.4 22.6 23.1 21.6 21.3 23.4 22.8 23.7 23.6 23.9 23.5 22.9 23.5 21.3 21.3  | Sunn Gu:   | Minay, am.  Min mu 22. 22. 21. 22. 22. 23. 23. 23. 23. 23. 23. 22. 25. 23. 24.                               |
| Day.  1                               | Maximum.  °C. 25.6 27.9 30.3 30 29.6 27.8 29.5 26.3 24.5 26.3 24.7 26.3 28.2 27.6 28.2 27.6 28.2 27.7 28.3                                | Mini-mum.  °C. 21. 6 22. 2 22. 8 20. 7 19. 5 20. 8 18. 8 18. 3 22. 2 21. 5 20 22. 8 21. 5 20 22. 8 21. 5 20 22. 8 21. 5 20 22. 8 21. 5 20 22. 8 21. 5 20 22. 8 21. 5 20 22. 8 21. 5 20 22. 8 21. 5 20 22. 8 21. 5 20 22. 8 21. 5 20 22. 8 21. 5 20 22. 8 21. 5 20 22. 8 21. 5 20 22. 8 21. 5 20 22. 8 21. 7 20 20. 2 21. 7 20 20. 2 21. 7 20 20. 2 21. 7 20 20. 2 21. 7 20 20. 2 21. 7 20 20. 2 21. 7 20 20. 2 21. 7 20 20. 2 21. 7 20 20. 2 20. 3  | Calb.  Maximum.  °C. 26.8 27 26.2 28.3 28.6 29.2 28.5 25.4 29.2 25.4 29.2 28.9 31 26 26.7 27 26.6 27.6 28.6  | Mini-mum.  °C. 22.1 22.7 22.6 22.8 21.1 20.7 21.7 20.6 19.2 22.8 22.9 22.4 21.2 22.4 21.2 22.7 20.6 20.7 20.6 20.7 21.6                                   | Masimum.  °C. 27. 6 30 30 27. 28. 6 29. 4 26 29. 4 26 29. 6 29. 6 29. 6 29. 6 29. 6 29. 8 30 20. 6 27. 6 28. 8 29. 8  | Mini-mum.  °C. 22.8 22.8 22.2 23.2 22.8 22.4 22.8 22.4 22.8 22.6 23.6 23.6 23.6 23.6 23.6 23.6 23.6                                  | Rom  Maximum.  °C. 27.7 30 30.5 32.8 31.5 30.5 28.3 27.4 27.5 29.4 32.7 32.9 30.7 31.5 30.3 30.9 29.7 31.5   | blon.  Minimum.  °C. 21.7 22.9 22.4 21.7  22.6 21.4 21.2 22.7 21.8 22.9 22.7 22.8 22.1 22.4 21.9 20.3 20.4 19.3 21  | Maximum.  °C. 24.4 25.8 26.1 28.8 29.4 27.8 24.4 27.8 26.4 27.8 25.8 25.3 26.7 29 24.5 25.6 24.3 26 27.3                            | Mini-mum.  °C. 21.5 22 22 22.3 22.5 22 21.6 22.5 21.7 22.5 21.3 22.4 22.2 22.8 22.5 21.6 20.3 20.4 21.6 21.4  | Sorso  Maximum.  °C. 25.5 27.7 28.4 30 31.1 31 30 28.5 28.5 28.5 29.9 20.6 21.5 20.5 20.5 20.5 20.5 20.5 20.5 20.5 20   | Minimum.  °C. 20 20 21 21.1 21.2 22 20.1 20.1 20.1 2   | Maxi-mum.  °C. 25.3 26.9 27.4 28.5 29.4 28.5 29.4 25.5 25.3 26.8 28.8 26.1 24.3 26.1 24.3 26.1 24.3  | Minimum.  °C. 22.3 22.4 22.6 23.1 21.6 21.3 23.4 22.8 23 23.7 23.7 23.6 23 22.9 22.5 21.3 21.20.5 21.4 19.9   | Sun Gu: Maxi- mum.  °C. 28.9 28.6 27.8 29.4 28.3 28.1  | may, am.  Min mu  22. 22. 22. 22. 23. 23. 23. 23. 23. 23   |
| Day.  Day.  1                         | Maximum.  °C. 25.6 27.9 30.3 30 29.6 27.8 29.5 26.3 24.5 26.3 24.7 26.3 28.2 27.6 28.2 27.6 28.2 27.7 28.3                                | Minimum.  °C. 21. 6 22. 2 21. 8 20. 7 19. 5 20. 8 18. 8 18. 8 21. 5 20 22. 2 21. 5 20 20. 2 21. 7 20 20. 2 21. 7 20 20. 2 18. 5 18. 3 16 15. 5  | Calb.  Maximum.  °C. 26.8 27 26.2 28.3 28.6 29.2 28.5 28.6 27.6 25.4 29.2 25.4 29.2 26.6 26.7 27 26.6 28.1   | Minimum.  °C. 22.1 22.7 22.6 22.8 21.1 20.7 21.7 20.6 19.2 22.8 22.9 22.6 22.4 21.2 21.6 22.4 21.2 21.6 20.7 20.6 19.8 8.6 17.4                           | Maximum.  °C. 27, 27, 6 30, 30, 30, 27, 28, 6 29, 4 26, 27, 28, 6 29, 8, 30, 6 29, 26, 6 27, 6 27, 6 27, 6 27, 4 28, 8 29, 28, 8  | Mini-<br>mum.  °C. 22.8 22 23.2 22.8 22.4 22.5 22.4 22.6 23.6 22.6 23.6 23.8 22.2 21.2 21.2 21.8 21.8 21.8                           | Rom  Maximum.  °C. 27.7 30, 9 30, 5 32, 8 31, 5 30, 5 28, 3 27, 4 27, 5 29, 4 32, 7 32, 9 30, 7 31, 5 30, 3 30, 9 29, 7 30, 4 31, 9 30, 7                              | blon.  Minimum.  °C. 21. 7 22. 9 22. 4 21. 7 21. 8 22. 7 21. 8 22. 1 22. 22. 7 22. 8 22. 1 22. 4 21. 9 20. 3 20. 4 21. 9 20. 3 20. 4 21. 9 20. 5            | Maximum.  °C. 24.4 25.8 26.1 28.8 29.4 28.5 29.4 26.2 25.8 25.3 26.7 29.5 25.6 24.3 26.2 27.3                                       | Minimum.  °C. 21.5 22 22.3 22.5 22 22.16 222 22.5 21.7 22.5 21.3 22.4 22.2 22.8 22.6 20.3 20.4 21.6 20.3 20.4 21.6 21.4   | Sorso  Maximum.  °C. 25.5.5 27.7 28.4 30 28.5 28.5 28.7 27.5 26.5 27.9 29.8 26.5 27.9 29.8 26.5 26.5 27.9 29.8 26.5 27.9 29.8 26.5 27.9 29.8 26.5 27.9 29.8 26.5 27.9 29.8 26.5 27.9 29.8 26.5 27.9 29.8 26.5 27.9 29.8 26.5 27.9 29.8 26.5 27.9 29.8 26.5 27.9 29.8 26.5 27.9 27.3 | Minimum.  °C. 20 20 21 21. 1 21. 2 22 20. 1 20. 1 20. 1 20. 1 20. 2 20 21 20. 1 20. 1 20. 1                      | Maximum.  °C. 25.3 26.9 27.4 28.5 29.4 30.2 27.6 27.8 28.4 25.4 25.4 25.5 26.3 26.8 28.8 29.8 26.1 26.1 26.3 27.1 26.1 26.9 27.2           | aspi.  Minimum.  °C. 22.3 22.4 22.6 23.1 21.3 23.4 22.8 23.7 23.6 23.2 23.7 23.6 23.2 23.7 23.6 23.1 20.5 21.3 21.3 21.9 21.9 21.9  | Sunn Gu:  Maximum.  °C. 28. 9 28. 6 27. 8? 29. 4 28. 3 28. 1   | may, am.  Minimu  22. 22. 21. 22. 22. 23. 23. 23. 23. 23. 22. 25. 23. 24. 24. 24. 24. 24. 24. 24. 24. 24. 24 |
| Day.  1                               | Maxi-mum.  °C. 25.6 25.9 30.3 30 29.6 27.8 26.3 24.5 28.2 25.6 27.8 28.2 27.7 27.3 28.3 29.6 27.7 27.7 27.7 28.3                          | Mini-mum.  °C. 21.6 22.2 21.8 20.7 19.5 20.8 18.8 18.3 22.2 21.5 20.2 21.5 22.15 20.2 21.5 20.2 21.7 20.2 21.7 20.2 21.5 21.5 22.15 20.2 21.7 20.2 21.7 20.2 21.5 21.5 22.2 21.7 20.2 21.7 20.2 21.5 22.2 21.7 20.2 21.7 20.2 21.5 21.5 22.2 21.7 20.2 21.5 22.2 21.7 20.2 21.5 22.2 21.7 20.2 21.5 22.2 21.7 20.2 21.5 21.4 21.5 21.4  | Calb.  Maximum.  26.8 27 26.2 28.3 28.6 29.2 28.5 27.6 27.6 27.6 27.6 27.2 25.4 29.2 28.9 21.2 26.7 27.6 26.2 28.9 21.2 26.2 26.7 27.6 26.2 26.7 27.6 26.2   | Mini-mum.  °C. 22.1 22.7 22.6 22.8 21.1 20.7 21.6 19.2 22.4 21.4 21.4 22.7 21.6 19.8 18.6 19.8 18.6 17.4 17.7 22.7  | Maximum.  °C. 27 27. 6 28. 6 30 30 27 28. 6 29. 4 26. 29. 8 30 26. 6 29. 6 29. 6 29. 6 29. 6 29. 8 30 26. 6 27. 6 27. 4 28. 8 29 28. 8  | Mini-mum.  °C. 22.8 22.2 23.2 22.8 22.4 22.5 22.4 22.8 22.6 23.6 23.6 23.6 23.6 23.6 23.6 23.6                                       | Rom  Maxi-  mum.  °C.  27. 7  30  30. 5  32. 31. 5  30. 5  28. 3  27. 4  27. 7  32. 9  30. 7  32. 9  30. 3  30. 9  29. 7  30. 3  30. 9  29. 7  30. 7  27. 4            | blon.  Minimum.  °C. 21.7 22.9 22.4 21.7  22.6 21.4 21.2 22.7 22.8 22.9 22.7 22.8 22.1 22.4 21.9 20.3 20.4 19.3 21 20.5 22.5                                | Maximum.  °C. 24.4 25.8 26.1 28.8 29.4 28.5 29.4 26.2 25.8 25.3 26.7 29.5 25.6 24.3 26.2 27.3                                       | Minimum.  °C. 21.5 22 22.3 22.5 22.5 21.7 22.5 21.3 22.4 22.2 22.8 22.5 21.6 20.3 20.4 21.6 20.3 20.4 21.7 22.5 21.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7   | Sorso  Maximum.  °C. 25.5 27.7 28.4 30 31.1 31 30 28.5 28.5 28.7 27.5 26.7 27.5 26.2 26.5 26.7 27.5 26.7 27.5 26.5 26.7 27.5 26.7 27.5 26.7 27.5 26.7 27.5 26.7 27.5 26.7 27.5 26.7 27.5 26.7 27.5 26.7 27.5 26.7 27.5 26.7 27.5 26.7 27.5 26.7 27.5 26.7 27.3                      | gon. 2  Minimum.  °C. 20 20 20 21 21.1 21.2 22.1 20.3 20.1 20.1 20.1 20.1 20.1 20.1 20.1 20.1                    | Maximum.  25.3 26.9 27.4 28.5 29.4 30.2 27.6 28.5 28.4 25.4 25.5 26.8 28.8 29.8 26.1 26.1 26.9 27.1 26.9 27.1 26.9 27.1                    | Minimum.  °C. 22.3 22.4 22.6 23.1 21.6 21.3 23.4 22.8 23.7 23.6 23.9 23.5 21.3 21.9 21.4 19 21.9 21.4   | Sun Gu:  Maximum.  °C. 28.9 28.6 27.8? 29.4 28.3 28.1  | may, am.  Min mu  22:22:22:23:23:23:23:23  |
| Day.  1                               | Catba Maximum.  °C. 25.6 27.9 30.3 30 29.6 27.8 29.5 26.3 24.5 26.3 28.3 29.6 25.4 26.3 28.3 29.6 27.7 28.3 28.7 27.7 28.3 27.7 28.3 28.3 | Minimum.  °C. 21. 6 22. 2 21. 8 20. 7 19. 5 20. 8 18. 8 18. 8 12. 2 21. 5 20 20 20. 2 21. 7 20 20. 2 21. 7 20 21. 8. 5 18. 3 16 15. 5 21. 4   | Calb.  Maximum.  °C. 26.8 27 26.2 28.3 28.6 29.2 28.5 28.6 27.6 25.4 29.2 25.4 29.2 26.6 26.7 27 26.6 28.1   | Minimum.  °C. 22.1 22.7 22.6 22.8 21.1 20.7 21.7 20.6 19.2 22.8 22.9 22.6 22.4 21.2 21.6 22.4 21.2 21.6 20.7 20.6 19.8 8.6 17.4                           | Maximum.  °C. 27. 6 28. 6 30 30 27 28. 6 29. 4 26 27. 6 29. 8 30 26. 6 27. 6 29. 8 30 26. 4 29. 8 29. 24 28. 8 29. 24 28. 8   | Mini-<br>mum.  °C. 22.8 22 23.2 22.8 22.4 22.5 22.4 22.6 23.6 22.6 23.6 23.8 22.2 21.2 21.2 21.8 21.8 21.8                           | Rom  Maximum.  °C. 27.7 30.9 30.5 32.8 31.8 31.5 30.5 28.3 27.4 32.7 32.9 30.7 31.5 30.7 32.9 30.7 31.5 30.7 31.5 30.7 31.5 30.7 31.7 31.7 31.7 31.7 31.7 31.7 31.7 31 | blon.  Minimum.  °C. 21. 7 22. 9 22. 4 21. 7 21. 8 22. 7 21. 8 22. 1 22. 2 22. 7 22. 8 22. 1 22. 4 21. 9 20. 3 20. 4 21. 9 20. 3 20. 4 21. 9 20. 5          | Maxi-mum.  °C. 24. 4 25. 8 26. 1 28. 8 29. 4 28. 5 29. 8 26. 4 27. 8 26. 7 29 24. 5 25. 6 27. 3 26 27. 3 27. 8                      | Minimum.  °C. 21.5 22 22.3 22.5 22 21.6 22.5 21.7 22.5 21.3 22.4 22.2 22.8 21.6 20.3 20.4 21.6 21.7 22.3 20.3 20.4 21.7 22.3  | Sorso  Maximum.  °C. 25.57 27.77 28.4 30 31.1 31 30 28.5 28.5 26.7 27.5 27.9 29.8 26.2 26.5 27.9 29.8 26.5 27.3 28.5  | Minimum.  °C. 20 20 20 21 21. 1 21. 2 22 20. 1 20. 1 20. 1 20. 20 19. 5 20 20. 6 20. 2 19 20. 1                  | Maximum.  °C. 25.3 26.9 27.4 28.5 29.4 30.2 27.6 27.8 28.8 28.8 29.8 26.1 26.3 27.1 26.3 27.1 26.9 27.2 24.7                               | aspi.  Minimum.  °C. 22.3 22.4 22.6 23.1 21.6 21.3 23.4 22.8 23.7 23.6 23.9 23.5 21.3 21.9 21.4 22.7 23.1   | Sunn Gu:  Maximum.  °C. 28. 9 28. 6 27. 8? 29. 4 28. 3 28. 1 29. 4? 28. 3 29. 4? 28. 3 29. 4? 29. 30 30. 8 30. 2 29. 4 29 29. 4 2 | may, am.  Min mu  2222222323232323   |
| Day.  1                               | Catba Maximum.  °C. 25.6 27.9 30.3 30 29.6 27.8 29.5 26.3 24.5 26.3 28.3 29.6 25.4 26.3 28.3 29.6 27.7 28.3 28.7 27.7 28.3 27.7 28.3 28.3 | Mini-mum.  °C. 21.6 22.2 21.8 20.7 19.5 20.8 18.8 18.3 22.2 21.5 20.2 21.5 22.15 20.2 21.5 20.2 21.7 20.2 21.7 20.2 21.5 21.5 22.15 20.2 21.7 20.2 21.7 20.2 21.5 21.5 22.2 21.7 20.2 21.7 20.2 21.5 22.2 21.7 20.2 21.7 20.2 21.5 21.5 22.2 21.7 20.2 21.5 22.2 21.7 20.2 21.5 22.2 21.7 20.2 21.5 22.2 21.7 20.2 21.5 21.4 21.5 21.4  | Calb.  Maximum.  °C. 26.8 27 26.2 28.6 29.2 28.5 27.6 27.6 27.5 26.4 29.2 28.6 26.7 27.2 26.8 1 26.6 6 28.1 29.2 26.8 1 29.2 26.8 1 29.2 26.8 1 29.2 26.8 1 29.2 26.8 1 29.2 26.8 3 26.8 1 29.2 26.8 3 26.8 1 29.2 26.8 3 2 | Minimum.  °C. 22.17 22.6 22.8 21.12 20.7 21.7 20.6 19.2 22.8 22.9 22.4 21.4 21.4 21.7 20.6 19.8 8.6 17.47 22.7  | Maximum.  °C. 27 27. 6 28. 6 30 30 27 28. 6 29. 4 26. 29. 8 30 26. 6 29. 6 29. 6 29. 6 29. 6 29. 8 30 26. 6 27. 6 27. 4 28. 8 29 28. 8  | Mini-<br>mum.  °C. 22.8 22 23.5 22.4 22.5 22.4 22.6 23.6 23.6 23.6 23.6 23.8 23.8 23.8 23.8 23.8 23.8 23.8 23.8                      | Rom  Maxi-  mum.  °C.  27. 7  30  30. 5  32. 31. 5  30. 5  28. 3  27. 4  27. 7  32. 9  30. 7  32. 9  30. 3  30. 9  29. 7  30. 3  30. 9  29. 7  30. 7  27. 4            | Minimum.  °C. 21.7 22.9 22.9 22.17 21.4 21.7 21.8 22.7 21.8 22.9 22.7 21.8 22.1 21.9 20.3 20.4 21.9 20.3 20.4 21.9 3 20.5 22.2 22.2                         | Maximum.  °C. 24.4 25.8 26.1 28.8 29.4 28.5 29.4 26.2 25.8 25.3 26.7 29.5 25.6 24.3 26.2 27.3                                       | Minimum.  °C. 21.5 22 22.3 22.5 22.5 21.7 22.5 21.3 22.4 22.2 22.8 22.5 21.6 20.3 20.4 21.6 20.3 20.4 21.7 22.5 21.7 22.7 22.7 22.7 22.7 22.7 22.7 22.7   | Sorso  Maximum.  °C. 25.5 27.7 28.4 30 31.1 31 30 28.5 28.5 28.7 27.5 26.7 27.5 26.2 26.5 26.7 27.5 26.7 27.5 26.5 26.7 27.5 26.7 27.5 26.7 27.5 26.7 27.5 26.7 27.5 26.7 27.5 26.7 27.5 26.7 27.5 26.7 27.5 26.7 27.5 26.7 27.5 26.7 27.5 26.7 27.5 26.7 27.3                      | gon. 2  Minimum.  °C. 20 20 20 21 21.1 21.2 22.1 20.3 20.1 20.1 20.1 20.1 20.1 20.1 20.1 20.1                    | Maximum.  25.3 26.9 27.4 28.5 29.4 30.2 27.6 28.5 28.4 25.4 25.5 26.8 28.8 29.8 26.1 26.1 26.9 27.1 26.9 27.1 26.9 27.1                    | Minimum.  °C. 22.3 22.4 22.6 23.1 21.6 21.3 23.4 22.8 23.7 23.6 23.9 23.5 21.3 21.9 21.4 19 21.9 21.4   | Sun Gu:  Maximum.  °C. 28.9 28.6 27.8? 29.4 28.3 28.1  | may, am.  Min mu  22:22:22:23:23:23:23:23  |
| Day.  1                               | Maximum.  °C. 25.6 25.9 30.3 30 29.6 27.8 29.5 28.2 25.6 28.2 25.6 28.2 27.7 28.3 27.7 28.3 27.7 28.3 27.7 28.3 27.7                      | Mini-mum.  °C. 21. 6 22. 2 21. 8 20. 7 19. 5 20. 8 18. 8 18. 8 22. 2 21. 5 20 22 21. 5 20 22 21. 5 20 22 21. 5 20 21. 5 20 21. 5 20 21. 5 | Calb.  Maximum.  °C. 26.8 27 26.2 28.3 28.6 29.2 28.5 27.6 25.4 29.2 28.9 31 26.6 26.7 27.6 28.9 31.4 29.2 31.3  | Minimum.  °C. 22.1 22.7 22.6 22.8 21.1 20.7 21.7 20.6 19.2 22.8 22.9 22.4 21.2 21.4 21.4 21.4 21.7 21.6 19.8 18.6 17.7 21.6 19.8 18.6 17.4 17.7 21.1 20.1 | Maxi-mum.  °C. 27, 6, 28, 6, 30, 30, 27, 28, 6, 29, 4, 26, 27, 27, 28, 6, 27, 27, 28, 6, 27, 6, 29, 8, 8, 29, 28, 8, 29, 24, 4, 4, 29, 4, 4, 28, 8, 8   | Mini-mum.  °C. 22.8 22.2 23.2 22.8 22.4 22.5 22.4 22.8 22.6 23.6 23.6 23.6 23.6 23.6 23.6 23.6                                       | Rom  Maximum.  °C. 27. 7 30 30. 5 32 31. 8 31. 5 30. 5 28. 3 27. 4 32. 7 32. 9 30. 7 31. 5 30. 9 29. 7 30. 4 31. 9 30. 7 27. 4 30. 5                                   | blon.  Minimum.  °C. 21.7 22.9 22.4 21.7 21.6 21.4 21.2 22.7 21.8 22.9 22.7 21.8 22.1 22.4 21.9 20.3 20.4 21.4 19.3 20.4 21.4 19.3 20.5 22.2 22.2 22.2 22.2 | Maximum.  °C. 24.4 25.8 26.1 28.8 29.4 28.5 29.8 26.4 26.4 26.2 25.8 26.3 26.7 29 24.5 26.3 26.7 29 27.8 27.8 27.8                  | Minimum.  °C. 21.5 22 22.3 22.5 22.5 21.6 22.5 21.7 22.5 21.3 22.4 22.2 22.8 20.3 20.4 21.6 21.4 21.7 22.3 20.3 20.4 21.6 21.4 21.7 22.3 23.8   | Sorso  Maximum.  °C. 25.5 27.7 28.4 30 31.1 31 30 28.5 28.5 28.2 27.5 29.8 27.5 27.9 29.8 26.5 27.7 27.3 28.5 28.5 26.5 26.5 26.5 27.3 28.8 28.5 28.8   | gon. 2  Minimum.  °C. 20 20 20 21 21. 1 21. 2 22 20. 1 20. 1 20. 2 20 19. 5 20 20. 6 20. 2 19 20. 1              | Maximum.  °C. 25.3 26.9 27.4 28.5 29.4 30.2 27.6 27.8 28.4 25.4 25.4 25.3 26.8 29.8 29.8 29.8 20.1 26.1 26.9 27.1 26.9 27.1 26.9 27.2 28.4 | aspi.  Minimum.  °C. 22, 3 22, 4 22, 6 21, 3 23, 1 21, 6 21, 3 23, 7 23, 6 23 23, 7 23, 6 21, 3 21, 1 21, 1 21, 1 21, 21, 2 21, 2 21, 2 21, 3 21, 1 21, 1 21, 9 21, 4 22, 7 23, 1 22, 7 23, 1   | Sunn Gu:   | may, am.  Min mu  22:22:22:23:23:23:23:23  |

a The minimum temperatures of this station seem to be too low.

BULLETIN FOR FEBRUARY, 1918.

# Maximum and minimum temperatures at the stations of the Weather Bureau, February, 1918—Continued.

| ·  | Cala  | pan.  | Vii   | rac.   | Na  | ga.  | Bata  | ngas.   | Luc  | ena.  | Atim   | on <b>an</b> .   |  | ulong,<br>auan.  |  | bang,<br>mba.   |
|--|---|---|---|--|---|--|---|---|--|---|--|--|--|--|--|---|
| Day.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini<br>mum   |
| _  | °C.   | °C.   | °C.   | ° <i>C</i> .   | °C.   | °C.  | °C.   | °C.   | °C.  | °C.   | °C.  | °C.  | °C.  | °C.  | °C.  | °C.   |
| 1  | 26.5  | 22  | 27  | 21.2   | 25.1  | 19.1   | 27.2  | 21.5  | 25.8   | 20.7  | 23.9   | 21.5   | 26.3   | 21.5   | 26.8   | 20.6  |
|  | 30<br>30.5  | 21.5<br>22.5  | 28.7  | 21.5   | 30.3  | 19.6   | 30.3  | 22. 4<br>21. 8  | 28<br>27. 5  | 21<br>21. 9   | 25.9<br>24.9   | 22.7<br>22.2   | 29.1   | 22<br>22   | 28   | 20.4  |
|  | 30.5  | 22.5  | 28.8<br>29.8  | 21.3<br>22   | 27. 5<br>31. 3  | 20.6<br>20.4   | 30.8<br>31.4  | 22.5  | 31.2   | 22.2  | 27.4   | 22. Z  | 30<br>31.8   | 21.6   | 29. 4<br>30. 2   | 20.9<br>21.3  |
|  | 30.1  | 20.9  | 30.7  | 19.5   | 32  | 17.6   | 31.4  | 20. 9   | 31.2   | 19.9  | 29   | 20.5   | 31.8   | 21.0   | 31   | 20. 2   |
|  | 30.5  | 21  | 30  | 19.7   | 31.8  | 19.7   | 31.2  | 20  | 31. 2  | 20.9  | 28, 2  | 21   | 32.3   | 21   | 31.9   | 20. 2   |
|  | 31.1  | 23.6  | 30  | 20   | 28.6  | 20.4   | 31.2  | 21  | 31.9   | 21  | 24.9   | 22.7   | 29.3   | 21.8   | 29   | 20.4  |
|  | 29  | 21.5  | 30.7  | 20.3   | 28.5  | 18.4   | 30.2  | 19  | 26.8   | 19.7  | 24.3   | 21.4   | 28.3   | 21. 2  | 27.8   | 19.   |
|  | 26<br>30  | 20.5<br>21.5  | 29.7<br>27.6  | 19<br>21. 5  | 27. 7<br>24. 5  | 18. 4<br>20. 3   | 26.2<br>27.3  | 16. 5?<br>19. 7   | 24.7<br>26.2   | 20.1<br>20.6  | 24. 5<br>24. 4   | 21. 2<br>21. 5   | 27. 1<br>29. 2   | 21<br>22.3   | 26. 1<br>27  | 19.8  |
|  | 27  | 21.3  | 27.5  | 21.1   | 28. 2   | 19.8   | 27.3<br>27  | 20.4  | 26. 2  | 20.2  | 24.4   | 22   | 26.9   | 21.7   | 25.9   | 21.   |
|  | 27. 9   | 21.1  | 26.5  | 22   | 24.6  | 21   | 25.8  | 21  | 24   | 21. 2   | 23.9   | 22, 3  | 25.3   | 21.5   | 26.4   | 20.   |
|  | 30.1  | 22.5  | 27.5  | 21.4   | 28.5  | 19.2   | 30.1  | 21.5  | 27.5   | 21.6  | 25.4   | 22.8   | 30.5   | 22   | 28.2   | 21.4  |
|  | 30.2  | 22.1  | 29.6  | 20.9   | 30.8  | 18   | 32.6  | 22.7  | 30.3   | 22.6  | 27. 5<br>27  | 23.4   | 34.1   | 21   | 31   | 20.   |
|  | 31  | 22.5  | 30.5  | 20.7   | 30.7  | 21.3<br>21   | 32<br>28.4  | 21<br>21.4  | 30. 7<br>26. 7   | 22.6<br>22.6  | 24.6   | 23<br>22.4   | 34.3<br>27.8   | 20.6<br>22.6   | 32<br>28. 4  | 19.   |
|  | 31<br>30  | 22.5<br>22.5  | 29.5<br>28.1  | 20.5<br>20.8   | 29. 9<br>25. 6  | 20.4   | 27.7  | 21.4  | 26. 1  | 20.9  | 24. 4  | 21.6   | 29.2   | 22. 6  | 28.4   | 21.   |
|  | 29.6  | 22.4  | 26.1  | 20.3   | 25.4  | 18.4   | 26.3  | 17.6  | 25.4   | 20.5  | 24   | 20. 5  | 27.7   | 21   | 26. 4  | 20.   |
|  | 27.6  | 20  | 25  | 19   | 24.2  | 17.5   | 26.4  | 19.9  | 24.6   | 19.1  | 22.6   | 19.5   | 25   | 20.3   | 25.4   | 20  |
|  | 29.6  | 20  | 26.2  | 19.1   | 25.7  | 17.2   | 28  | 19  | 25.4   | 18.6  | 22.9   | 19.5   | 28. 1  | 20   | 26.8   | 19.   |
|  | 28.5  | 19.5  | 29  | 19.6   | 28.4  | 17.5   | 30.4  | 18  | 27.6   | 20.5  | 24.9   | 20.7   | 30   | 19.5   | 28.8   | 19.   |
| · · · · · · · · · · · · · · · · · · ·  | 29.5  | 18.4  | 27.7  | 19.2   | 28.2  | 14.6   | 27.8  | 16  | 24.1   | 18.6  | 23.7   | 20.6   | 28.1   | 17.5   | 27.8<br>27.8   | 16.   |
|  | 27.6<br>27.6  | 19<br>21  | 29<br>30  | 20<br>19. 5  | 28. 2<br>26. 9  | 18<br>17. 7  | 29<br>30. 6   | 18.5<br>14.3  | 26.5<br>28   | 18.8<br>18.6  | 24.3<br>23.8   | 20.4<br>20.5   | 28.6<br>29   | 20.4<br>19.8   | 28.1   | 20.<br>17.  |
|  | 29.5  | 20.5  | 28  | 21.5   | 27.2  | 19.5   | 28.2  | 20.7  | 26.7   | 21. 2   | 23.8   | 21.5   | 28.8   | 22   | 28.7   | 21  |
|  | 28.6  | 21.7  | 30  | 21.7   | 29.6  | 18.9   | 31.3  | 21.4  | 28.1   | 20.9  | 25.6   | 22.5   | 30.5   | 21.8   | 30   | 21.   |
|  | 29.8  | 21  | 29.6  | 20   | 28. 9   | 19   | 31.9  | 19.4  | 29.4   | 21  | 26   | 22.8   | 33.3   | 20.9   | 31. 9  | 20.   |
|  | 29.5  | 22.5  | 32  | 19.7   | 29.2  | 20.5   | 32.9  | 18. 2   | 29. 1  | 21.6  | 26. 4  | 22.5   | 31.5   | 22.3   | 30.4   | 20.   |
| Mean   |   |   |   |  |   |  |   |   |  |   |  |  | 29.4   |  | 28.5   |   |
|  | 29. 2   | 21.3  | 28.7  | 20.5   | 28. 1   | 19. 1  | 29, 4   | 19.9  | 27.5   | 20.7  | 25. 1  | 21.6   | 23. 1  | 21.2   | 20.0   | 20. 3   |
|  | <u> </u>  | 21.3  | Santa   | 20.5<br>Cruz,  | <br>  | 19.1<br>nila.  | :<br>   | 19. 9   | <u></u>  | ba.   | 1  | sidro.   | 1  | ·lac.  |  | ler.  |
| Day.   | Para<br>Maxi-   | Mini-   | Santa<br>Lag  | Cruz,  | <br>  |  | :<br>   |   | <u></u>  |   | 1  | 1  | 1  |  |  |   |
|  | Para<br>Maxi-<br>mum.   | Mini-<br>mum.   | Santa<br>Lag<br>Maxi-<br>mum.   | Mini-  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-   | polo.   | Maxi-<br>mum.  | Mini-<br>mum.   | San I  | sidro. Mini-   | Tar  | Mini-<br>mum.  | Ba<br>Maxi-<br>mum.  | Min   |
| Day.   | Maximum.  | Mini-<br>mum.   | Santa<br>Lag<br>Maxi-<br>mum.   | Minimum.   | Maxi-<br>mum.   | Mini-mum.  | Maximum.  | Mini-<br>mum.   | Maxi-mum.  | Mini-<br>mum.<br>°C.  | Maximum.   | Minimum.   | Maxi-mum.  | Minimum.   | Maximum.   | Min mui   |
| Day.   | Maximum.  | Mini-<br>mum.   | Santa<br>Lag<br>Maxi-<br>mum.<br>°C.<br>25.8<br>27.3  | Minimum.   | Maxi-<br>mum.<br>°C.<br>26.4<br>28.8  | Mini-<br>mum.<br>°C.<br>20.5<br>20.8   | Maxi-<br>mum.<br>°C.<br>29.2<br>28.6  | mini-<br>mum.<br>°C.<br>20.3<br>21.3  | Maxi-<br>mum.<br>°C.<br>30.3   | oa.  Minimum.  °C. 21.8 19.5  | San I  Maximum.  °C. 26.8 30.4   | Minimum.   | Maxi-<br>mum.<br>°C.<br>29.9   | Minimum.  °C. 20 19.2  | Ba Maximum.  °C. 25.1 27   | Mir mur   |
| Day.   | Para<br>Maxi-<br>mum.<br>°C.<br>24.3<br>28.2<br>25.4  | Minimum.  °C. 21. 8 23 23. 1  | Santa<br>Lag<br>Maxi-<br>mum.<br>°C.<br>25.8<br>27.3<br>28.2  | Cruz, guna.  Minimum.  °C. 21 21.7 22.2  | Maxi-<br>mum.<br>°C.<br>26.4<br>28.8<br>29.8  | Mini-<br>mum.<br>°C.<br>20.5<br>20.8<br>20.1   | Maxi-mum.  °C. 29.2 28.6 31.3   | Mini-<br>mum.<br>°C.<br>20.3<br>21.3  | Maxi-mum.  | oa.  Minimum.  °C. 21.8 19.5 20.6   | San I<br>Maxi-<br>mum.<br>°C.<br>26.8<br>30.4  | sidro.  Minimum.  °C. 18 20 20.7   | Tar    Maximum.   °C.   29.9   31   34   | Minimum.  °C. 20 19.2 19.4   | Ba Maximum.  °C. 25.1 27 25.3  | Mir mus   |
| Day.   | Para<br>Maxi-<br>mum.<br>°C.<br>24.3<br>28.2<br>25.4<br>27.5  | Minimum.  °C. 21.8 23.1 22.6  | Santa Lag  Maximum.  °C. 25.8 27.3 28.2 28.0 28.0 20.1  | Minimum.  °C. 21.7 22.2 22.2   | Maximum.  °C. 26.4 28.8 29.8 32.3   | mila.  Minimum.  °C. 20.5 20.8 20.1 21.1   | Maxi- mum.  °C. 29.2 28.6 31.3 32.3   | Minimum.   °C.   20.3   21.3   20   20.1  | Maximum.  °C. 30.3 30.3 30.8 31.4  | oa.  Minimum.  °C. 21.8 19.5 20.6 19.2  | San I  Maximum.  °C. 26.8 30.4 31 31.2   | sidro.  Minimum.  °C. 18 20 20.7 20.7  | Tar<br>  Maximum.<br>  °C.<br>  29.9<br>  31<br>  34<br>  33.6   | C. 20 19.2 19.4 20.6   | Maximum.  °C. 25.1 27 25.3 26.9  | Mir mu:   |
| Day.   | Para<br>Maxi-<br>mum.<br>°C.<br>24.3<br>28.2<br>25.4<br>27.5  | Minimum.  °C. 21.8 23 23.1 22.6   | Santa<br>Lag<br>Maxi-<br>mum.<br>°C.<br>25.8<br>27.3<br>28.2<br>30.1<br>30.9  | Minimum.  °C. 21 21.7 22.2 22.2 20.4   | Maximum.  °C. 26.4 28.8 29.8 32.3 30.4  | Mini-<br>mum.<br>°C.<br>20.5<br>20.8<br>20.1<br>21.1<br>20.7   | Maximum.  °C. 29.2 28.6 31.3 32.3 32.3 32.2   | Mini-<br>mum.<br>°C.<br>20.3<br>21.3<br>20<br>20.1<br>19.3  | Maximum.  °C. 30.3 30.8 31.4 30.4  | Minimum.  °C. 21.8 19.5 20.6 19.2 22.2  | San I  Maximum.  °C. 26.8 30.4 31 31.2 32.9  | sidro.  Minimum.  °C. 18 20 7 20.7 20.7 21.9   | Tar    Maximum.   °C.   29.9   31   34   33.6   6   34.8   | Clac.  Minimum.  °C. 20 19.2 19.4 20.6 20.2  | Maximum.  °C. 25.1 27 25.3 26.9  | Min mu 20. 20. 21. 20. 21.  |
| Day.   | Para<br>Maxi-<br>mum.<br>°C.<br>24.3<br>28.2<br>25.4<br>27.5<br>28.7  | Minimum.  °C. 21.8 23 23.1 22.6 21 20.9   | Santa<br>Lag<br>Maxi-<br>mum.<br>°C.<br>25.8<br>27.3<br>28.2<br>30.1<br>30.9<br>31.9<br>26.9  | Minimum.  °C. 21 21.7 22.2 22.2 20.4 20.7  | Maximum.  °C. 26.4 28.8 29.8 32.3 30.4 31.2   | Mini-<br>mum.<br>°C.<br>20.5<br>20.8<br>20.1<br>21.1<br>20.7<br>21.6   | Maximum.  °C. 29.2 28.6 31.3 32.3 32.2 32.9   | Minimum.   °C.   20.3   21.3   20   20.1  | Maximum.  °C. 30.3 30.3 30.8 31.4  | oa.  Minimum.  °C. 21.8 19.5 20.6 19.2  | San I  Maximum.  °C. 26.8 30.4 31 31.2 32.9 31.9 30.1  | sidro.  Minimum.  °C. 18 20 20.7 20.7  | Maximum.  °C. 29.9 31 34 33.6 34.8 33.2 32.5   | Clac.  Minimum.  C. 20 19.2 19.4 20.6 20.2 21.4  | Maximum.  °C. 25.1 27 25.3 26.9 30 29.3  | Mir mu:   |
| Day.   | Para<br>Maxi-<br>mum.<br>°C.<br>24.3<br>28.2<br>25.4<br>27.5<br>28.7<br>28.7<br>28.7<br>28.7  | Minimum.  °C. 21.8 23.1 22.6 21 20.9 23 21.3  | Santa Lag Maximum.  °C. 25.8 27.3 28.2 30.1 30.9 31.9 26.9  | Minimum.  °C. 21 21.7 22.2 22.2 20.4 20.7 21.5 20.7  | Maximum.  °C. 26.4 28.8 29.8 32.3 30.4 31.2 29.5  | Minimum.  20.5 20.8 20.1 21.1 21.7 21.6 18.6 17.3  | Maximum.  °C. 29.2 28.6 31.3 32.3 32.2 32.9 30.3 29.3   | Mini-<br>mum.<br>20. 3<br>21. 3<br>20. 1<br>19. 3<br>20. 6<br>19  | Maximum.  °C. 30.3 30.8 30.8 31.4 30.4 31.3 29.1 31.3  | oa.  Minimum.  21.8 19.5 20.6 19.2 22.2 18 13.2? 20   | San I Maximum.  °C. 26.8 30.4 31 31.2 32.9 31.9 30.1   | %C. 18 20 7 20.7 21.9 22 18.6  | Tan  Maximum.  °C. 29.9 31 34 33.6 34.8 33.2 32.5 33.5   | oC. 20 19. 2 19. 4 20. 6 20. 2 21. 4 17. 2   | Maximum.  °C. 25.1 27 25.3 26.9 30 29.3 29.3 28.3  | Mir<br>mu:<br>20.<br>20.<br>21.<br>21.<br>21.<br>19.  |
| Day.   | Para<br>Maxi-<br>mum.<br>°C.<br>24.3<br>28.2<br>25.4<br>27.5<br>28.7<br>28.7<br>28.7<br>28.7  | Minimum.  °C. 21.8 23.1 22.6 21.20.9 23.21.3  | Santa<br>Lag<br>Maxi-<br>mum.<br>°C.<br>25.8<br>27.3<br>28.2<br>30.1<br>30.9<br>26.9<br>26.9<br>26.8  | Minimum.  °C. 21 21.7 22.2 22.2 20.4 20.7 21.5 20.7 20.8   | Maximum.  °C. 26.4 28.8 29.8 32.3 30.4 31.2 29.5 29   | Mini-<br>mum.<br>°C.<br>20.5<br>20.8<br>20.1<br>21.1<br>20.7<br>21.6<br>18.6<br>17.3   | Maximum.  °C. 29.2 28.6 31.3 32.3 32.2 32.9 30.3 29.3 29.3  | Minimum.  20.3 21.3 20 20.1 19.3 20.6 19 17.4 16.6  | Maximum.  °C. 30.3 30.8 31.4 30.4 31.3 29.1 31.3 29.6  | oa.  Minimum.  °C. 21.8 19.5 20.6 19.2 22.2 18 13.2? 20.6   | San I  Maximum.  °C. 26.8 30.4 31 31.2 32.9 30.1 29.2 28   | sidro.  Minimum.  °C. 18 20 20.7 20.7 21.9 22 18.6 17 18.3   | Maximum.  °C. 29.9 31 34 33.6 34.8 33.2 32.5 33.5 32.5   | °C. 20 19.2 19.4 20.6 20.2 21.4 17. 17.2 16.7  | Maximum.  °C. 25.1 27. 25.3 26.9 30 29.3 28 27.3 27.5  | Mir must 20. 20. 21. 20. 21. 19. 17. 18.  |
| Day.   | Para<br>Maxi-<br>mum.<br>°C.<br>24.3<br>28.2<br>25.4<br>27.5<br>28.7<br>28.7<br>28.7<br>28.7  | Minimum.  °C. 21.8 23 23.1 20.9 23 21.3 21.4 22.3   | Santas Las Maximum.  **C. 25.8 27.3 28.2 2 30.1 30.9 31.9 26.9 26.8 24.9 26.8 24.9 26.6   | Minimum.  °C. 21 21. 7 22. 2 20. 4 20. 7 21. 5 20. 7 20. 8 22. 8 22. 8   | Maxi-mum.  °C. 26.4 28.8 29.8 32.3 30.4 31.2 29.5 29 26.6 28.5  | Minimum.  °C. 20.5 20.8 20.1 21.1 21.7 21.6 17.3 17.8  | Maximum.  °C. 29.2 28.6 31.3 32.2 32.9 30.3 29.3 27.7   | Mini-<br>mum.<br>°C.<br>20.3<br>21.3<br>20<br>20.1<br>19.3<br>20.6<br>19<br>17.4<br>16.6<br>20.7  | Maxi-mum.  °C. 30.3 30.8 30.8 31.4 30.4 31.3 29.1 31.3   | Mini-<br>mum.<br>°C.<br>21.8<br>19.5<br>20.6<br>19.2<br>22.2<br>18<br>13.2?<br>20<br>20.6<br>20.1   | Maxi- mum.  °C. 26.8 30.4 31. 31.2 32.9 30.1 29.2 28   | sidro.  Minimum.  °C. 18 20 20.7 21.9 22 18.6 17 18.3 17.2   | Maximum.  °C. 29.9 31 34 33.6 34.8 33.2 32.5 33.5 32.5   | Minimum.  °C. 20 19.2 19.4 20.6 20.2 21.4 17 17.2 16.7 20.3  | Maximum.  °C. 25.1 27 25.3 26.9 30 29.3 29.3 27.3 27.5 26.6  | Mir<br>mu:<br>  20.<br>  20.<br>  20.<br>  21.<br>  20.<br>  21.<br>  19.<br>  17.<br>  18.<br>  20.  |
| Day.   | Para<br>Maxi-<br>mum.<br>°C.<br>24.3<br>28.2<br>25.4<br>27.5<br>28.7<br>28.7<br>28.7<br>28.7  | Minimum.  °C. 21.8 23.1 22.6 21.9 23.21.3 21.4 22.3 22.5  | Maximum.  **OC.** 25.8 27.3 28.2 30.1 30.9 26.9 26.9 26.6 24.9 26.6   | Minimum.  °C. 21. 7 22. 2 22. 2 20. 7 21. 5 20. 7 20. 8 22. 3 21. 3  | Maximum.  °C. 26.4 28.8 32.3 30.4 31.2 29.5 29 26.6 28.5  | Mini-mum.  °C. 20.5 20.8 20.1 21.1 21.7 21.6 18.6 17.3 17.8 19.4   | Maximum.  °C. 29.2 28.6 31.3 32.3 32.2 32.9 30.3 27.7 29.4 25.2   | Mini-<br>mum.<br>°C.<br>20.3<br>21.3<br>20.1<br>19.3<br>20.6<br>19<br>17.4<br>16.6<br>20.7<br>19.3  | Maxi-mum.  °C. 30.3 30.8 31.4 31.3 29.1 31.3 29.6 31   | oa.  Minimum.  °C. 21.8 19.5 20.6 19.2 22.2 18 20.6 20.1 21.5   | Maximum.  °C. 26.8 30.4 31.2 31.9 31.9 30.1 29.2 28 29.9 27.4  | or.  Minimum.  °C. 18 20 20.7 21.9 22.6 18 17.2 18.3 17.2 18.9   | Maximum.  °C. 29.9 31 34 33.6 34.8 33.2 32.5 32.5 31.2 30.4  | Minimum.  °C. 20 19.2 19.4 20.6 20.2 21.4 17. 17.2 16.7 20.3   | Maximum.  °C. 25.1 27 25.3 26.9 30 29.3 28.3 27.5 26.6 25.5  | ler.  Mirr mu 20. 20. 21. 19. 17. 18. 20. 19.   |
| Day.   | Para Maximum.  °C. 24.3 28.2 25.4 27.5 28.7 28.7 25.2 26.9 24.8 24.1 24.4   | Minimum.  °C. 21.8 23.1 22.6 21 20.9 23 21.3 21.3 22.3 22.5 22.5  | Santa Lag Maximum.  °C. 25.8 27.3 28.2 30.1 30.9 26.9 26.8 24.9 26.6 25.3   | Cruz, runa.  Minimum.  °C. 21. 7 22. 2 22. 2 20. 4 20. 7 21. 5 20. 7 20. 8 22. 3 21. 3 21. 7   | Maxi-mum.  °C. 26. 4 28. 8 32. 3 30. 4 31. 2 29. 5 29. 5 26. 6 28. 5 26. 5 29. 1  | Mini-mum.  °C. 20.5 20.8 20.1 21.1 20.7 21.6 18.6 17.3 17.8 19.4 20 21.7   | Maximum.  °C. 29.2 28.6 31.3 32.3 32.2 30.3 29.3 27.7 29.4 25.2 28.2  | Mini-<br>mum.<br>°C.<br>20.3<br>21.3<br>20.20<br>20.1<br>19.3<br>20.6<br>19.17.4<br>16.6<br>20.7<br>19.3<br>18.9  | Maximum.  °C. 30.3 30.3 30.8 31.4 30.4 31.3 29.1 31.3 29.3 31.3 29.6 31 32.2 30.3  | oa.  Minimum.  °C. 21.8 19.5 20.6 19.2 22.2 18 13.2? 20 20.6 20.1 21.5 21.6   | Maxi- mum.  °C. 26.8 30.4 31 31.2 32.9 30.1 29.2 28 29.9 27.4  | sidro.  Minimum.  °C. 18 20 20.7 20.7 21.9 22 18.6 17.2 18.9 21.4  | Maximum.  °C. 29.9 31 34 33.6 34.8 33.2 32.5 33.5 32.5 31.2 30.4 32.5  | Mini-mum.  °C. 20 19. 4 20. 6 20. 2 21. 4 17 17. 20. 3 19. 4 21. 3   | Maximum.  °C. 25.1 27 25.3 26.9 30 29.3 28 27.5 26.6 6 25.5 25   | ler.  Minus  20. 21. 20. 21. 19. 17. 18. 20. 19. 21.  |
| Day.   | Para Maximum.  °C. 24.3 28.2 25.4 27.5 28.7 28.7 25.2 26.9 24.8 24.1 24.4   | Minimum.  °C. 21.8 23 23.1 20.9 23 21.4 22.3 22.5 22.5  | Santa Lag Maximum.  °C. 25.8 27.3 28.2 30.1 30.9 26.9 26.8 24.9 25.3 25.1 28.4  | Cruz, runa.  Minimum.  °C. 21. 7 22. 2 22. 2 20. 4 20. 7 21. 5 20. 7 21. 5 20. 7 21. 5 21. 3 21. 3 21. 3   | Maximum.  °C. 26. 4 28. 8 29. 8 32. 3 30. 4 31. 2 29. 5 26. 6 28. 5 26. 5 29. 1 30. 2   | Mini-mum.  °C. 20.5 20.8 20.1 21.1 21.7 21.6 18.6 17.3 17.8 19.4   | Maximum.  °C. 29.2 28.6 31.3 32.3 32.2 32.9 30.3 27.7 29.4 25.2   | Mini-<br>mum.<br>°C.<br>20.3<br>21.3<br>20.1<br>19.3<br>20.6<br>19.17.4<br>16.6<br>20.7<br>19.3<br>18.9<br>20.2<br>19.2   | Maximum.  °C. 30.3 30.8 30.8 31.4 30.4 31.3 29.1 31.3 29.3 30.7 31.7   | oa.  Minimum.  °C. 21.8 19.5 20.6 19.2 22.2 218 13.2? 20 6 20.1 21.5 21.6 21.7 21.1   | San I  Maximum.  °C. 26.8 30.4 31.9 30.1 29.2 32.9 27.4 29 29.6 32.4   | sidro.  Minimum.  °C. 18 20 20.7 20.7 21.9 22 18.6 17 18.3 17.2 18.9 21.4 21.4 21.4  | Tar<br>Maxi-<br>mum.<br>°C.<br>29, 9<br>31<br>33, 6<br>34, 8<br>33, 2<br>32, 5<br>32, 5<br>31, 2<br>30, 4<br>32, 5<br>31, 2<br>30, 4<br>32, 5<br>31, 2<br>32, 3<br>33, 3<br>33, 2  | C. 20 19. 2 19. 4 20. 6 20. 2 21. 4 17 17. 20. 3 19. 4 21. 3 22. 7 21. 4 21. 3 21. 7 21. 4   | Ba Maximum.  °C. 25.1 27 25.3 26.9 30 29.3 28 27.5 26.6 25.5 24.9 26.2   | Mirmur<br>  20.<br>  20.<br>  21.<br>  19.<br>  17.<br>  18.<br>  20.<br>  19.<br>  21.<br>  20.<br>  21.   |
| Day.   | Para  Maximum.  °C. 24.3 28.2 25.4 27.5 28.7 25.2 26.9 24.8 24.1 24.4 24.8 26.9 28.8  | Minimum.  °C. 21.8 23 23.1 22.6 21.9 23 21.3 21.4 22.5 22.5 22.7 22.7   | Santa Lag Maximum.  °C. 25.8 27.3 28.2 30.1 30.9 26.8 24.9 26.8 24.9 25.3 25.1 28.4 30.2  | Minimum.  °C. 21 21.7 22.2 22.2 20.4 20.7 21.5 20.7 21.8 22.8 22.1 21.7 22.1   | Maximum.  °C. 26.4 28.8 29.8 30.4 31.2 29.5 26.5 29.1 30.2 31.6   | Minimum.  °C. 20.5 20.8 20.1 21.1 21.7 21.6 17.3 17.8 19.4 20 21.7 21.3 20 20.3  | Maximum.  °C. 29.2 28.6 31.3 32.3 32.9 30.3 27.7 29.4 25.2 28.2 30.8 32.2   | Mini-mum.  °C. 20.3 21.3 20.1 19.3 20.6 19 17.4 16.6 20.7 19.3 18.9 20.2 19.5 19.5  | Maximum.  °C. 30.3 30.8 30.4 31.4 30.4 31.3 29.6 31 32.2 30.3 30.7 31.7  | Minimum.  °C. 21.8 19.5 20.6 19.2 22.2 18 13.2? 20 20.6 20.1 21.5 21.6 21.7 21.1  | San I Maximum.  °C. 26.8 30.4 31.2 32.9 31.9 30.1 29.2 28 29.9 27.4 29 29.6 32.4 34.1  | sidro.  Minimum.  °C. 18 20 20.7 21.9 22: 18.6 17.2 18.9 21.4 21.4 21.3 21.2   | Tar<br>Maxi-<br>mum.<br>°C.<br>29.9<br>31<br>34.8<br>33.2<br>32.5<br>33.5<br>32.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.6  | Construction of the second of  | Maximum.  °C. 25.1 27.25.3 26.9 30 29.3 28.27.5 26.6 25.5 24.9 26.2 28.6   | Mir<br>mui<br>  00<br>  20<br>  20<br>  21<br>  20<br>  21<br>  19<br>  19<br>  21<br>  20<br>  21<br>  20<br>  21<br>  21<br>  20<br>  21<br>  21<br>  21<br>  21<br>  21<br>  21<br>  21<br>  21  |
| Day.   | Para Maximum.  °C. 24.3 28.2 25.4 27.5 28.7 25.2 26.9 24.8 24.1 24.4 24.8 26.9 28.8 28.2  | Minimum.  °C. 21.8 23 23.1 22.6 21 20.9 23 21.4 22.3 22.5 22.7 22.8 21.9  | Santa Lag Maximum.  °C. 25.8 27.3 28.2 30.1 30.9 26.9 26.9 26.6 25.3 25.1 28.4 30.2 32 32 32 32 32 32 32 32   | Minimum.  °C. 21 21.7 22.2 22.2 20.4 20.7 21.5 20.8 22.3 21.3 21.7 22.1 21.8 20.5  | Maxi-mum.  °C. 26. 4 28. 8 29. 8 32. 3 30. 4 31. 2 29. 5 29 26. 6 28. 5 29. 1 30. 2 31. 6 31. 4 30. 8                                     | Mini-<br>mum.<br>°C.<br>20.5<br>20.8<br>20.1<br>21.1<br>20.7<br>21.6<br>18.6<br>17.8<br>19.4<br>20.2<br>21.7<br>21.3<br>20.3<br>20.3 | Maximum.  °C. 29.2 28.6 31.3 32.3 32.2 33.2 29.3 27.7 29.4 25.2 28.2 30.8 32.2 30.8   | Mini-<br>mum.<br>°C.<br>20.3<br>21.3<br>20<br>20.1<br>19.3<br>20.6<br>19.1<br>16.6<br>20.7<br>19.3<br>18.9<br>20.2<br>20.1<br>20.9<br>20.1  | Maxi-mum.  °C. 30.3 30.3 30.4 30.4 31.4 31.3 29.6 31 32.2 30.3 30.7 31.7 31.1  | Mini-<br>mum.<br>°C.<br>21.8<br>19.5<br>20.6<br>19.2<br>22.2<br>18<br>13.2?<br>20<br>20.6<br>20.1<br>21.5<br>21.6<br>21.7<br>21.1   | San I  Maximum.  °C. 26.8 30.4 31 31.2 32.9 30.1 29.2 28 29.9 27.4 29 29.6 32.4 34.1   | sidro.  Minimum.  °C. 18 20, 7 21, 9 22, 18, 6 17 18, 3 17, 2 18, 9 21, 4 21, 4 21, 3 21, 2 21, 5  | Tar<br>Maxi-<br>mum.<br>°C.<br>29.9<br>31<br>34<br>33.6<br>34.8<br>33.2<br>32.5<br>31.2<br>32.5<br>31.2<br>32.5<br>31.2<br>32.5<br>33.2<br>34.3<br>33.2<br>33.2<br>33.3<br>33.2<br>33.3<br>33.2<br>33.3<br>33.2<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3  | Minimum.  °C. 20 19.2 19.4 20.6 20.2 21.4 17 17.2 16.7 20.3 19.4 21.3 21.7 21.4 21.7   | Ba Maximum.  °C. 25.1 27 25.3 26.9 30 29.3 28.2 27.5 26.6 25.5 24.9 26.2 28.6 28.2                                   | Mirrmun   |
| Day.   | Para Maximum.  °C. 24.3 28.2 25.4 27.5 28.7 28.7 25.2 26.9 24.8 24.1 24.4 24.8 26.9 28.8 28.2 25.2 24.1   | Mini-<br>mum.  °C. 21.8 23.1 22.6 21.9 28.2 21.3 21.4 22.5 22.5 22.7 22.7 22.7 22.7 22.7  | Santa Lag Maximum.  °C. 25.8 27.3 28.2 30.1 30.9 26.8 24.9 26.8 25.3 25.1 28.4 30.2 25.6 25.6   | Minimum.  °C. 21. 7 22. 2 22. 2 20. 4 20. 7 21. 5 20. 7 21. 8 22. 3 21. 3 21. 7 22. 1 21. 8 20. 5 22. 8 21. 8  | Maximum.  °C. 26. 4 28. 8 32. 3 30. 4 31. 2 29. 5 26. 5 26. 5 29. 1 30. 2 31. 6 30. 8 30. 8   | Minimum.  °C. 20.5 20.8 20.1 21.1 20.7 21.6 18.6 17.3 17.8 19.4 20 21.7 21.3 20 20.3 22.4  | Maximum.  °C. 29.2 28.6 31.3 32.3 32.9 30.3 27.7 29.4 25.2 28.8 32.2 33.9 30.7 30.7   | Mini-<br>mum.<br>°C.<br>20.3<br>21.3<br>20.6<br>19.3<br>20.6<br>19.3<br>20.2<br>20.1<br>19.3<br>20.2<br>20.2<br>20.1<br>19.3<br>20.2<br>20.3<br>19.3<br>20.3<br>20.3<br>20.6  | Maximum.  °C. 30.3 30.3 30.8 31.4 31.3 29.1 31.3 29.6 31 32.2 30.7 31.7 31.1 31.3 31.6   | Mini-<br>mum.  °C. 21.8 19.2 20.6 19.2 22.2 18 13.2? 20 20.6 20.1 21.5 21.6 21.7 21.1 21 19.7 22.9  | San I  Maximum.  °C. 26.8 30.4 31 31.2 32.9 31.9 30.1 29.2 28 29.9 27.4 29 29.6 32.4 34.1 30.2 29.9                                      | sidro.  Minimum.  °C. 18 20 20.7 20.7 20.7 21.9 21.8 17.2 18.9 21.4 21.4 21.3 21.2 21.5 20.3   | Tar<br>Maxi-<br>mum.<br>°C.<br>29.9<br>31<br>34<br>33.6<br>34.8<br>33.2<br>32.5<br>31.2<br>32.5<br>31.2<br>32.5<br>31.2<br>32.5<br>33.2<br>34.3<br>33.2<br>33.2<br>33.3<br>33.2<br>33.3<br>33.2<br>33.3<br>33.2<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3  | Minimum.  °C. 20 19.2 19.4 20.6 20.2 21.4 17 17.2 21.4 21.3 21.7 21.4 21.7 22.6  | Maximum.  °C. 25.1 27 25.3 26.9 30 29.3 27.5 26.6 25.5 24.9 26.2 28.6 28.6 28.2 27.7                                 | Mirmun   00   20   21   22   21   22   22   22  |
| Day.   | Para Maximum.  °C. 24.3 28.2 25.4 27.5 28.7 28.7 25.2 26.9 24.8 24.1 24.4 24.8 26.9 28.8 28.2 25.2 24.1   | Minimum.  °C. 21.8 23.1 22.6 21.3 21.3 21.4 22.5 22.5 22.7 22.8 21.9 22   | Santa<br>Lag<br>Maxi-<br>mum.<br>°C.<br>25.8<br>27.3<br>28.2<br>30.1<br>30.9<br>26.9<br>26.9<br>26.9<br>26.9<br>26.3<br>25.1<br>28.4<br>9<br>26.3<br>25.1<br>28.2<br>25.6<br>26.5 | Minimum.  °C. 21 21. 7 22. 2 20. 4 20. 7 20. 8 22. 3 21. 7 22. 1 21. 7 22. 1 22. 1 21. 7 22. 1 21. 8 20. 5 22. 8 21. 5 21. 5 21. 5 21. 5   | Maximum.  °C. 26.4 28.8 32.3 30.4 31.2 29.5 29.6 28.5 29.1 30.2 31.6 31.4 30.8 30 27.1  | Mini-mum.  °C. 20.5 20.8 20.1 21.1 20.7 21.6 18.6 17.3 17.8 19.4 20 21.7 21.3 20 20.3 20.4 21.2 20.4                                 | Maximum.  °C. 29.2 28.6 31.3 32.3 32.2 33.9 30.3 27.7 29.4 25.2 28.2 30.8 32.2 33.9 30.7 30.2 28.6  | Mini-<br>mum.<br>°C.<br>20.3<br>21.3<br>20.6<br>19.3<br>18.9<br>20.2<br>19.5<br>19.3<br>19.3<br>19.3<br>19.3  | Maxi-mum.  °C. 30.3 30.3 30.8 31.4 30.4 31.3 29.6 31 32.2 30.3 30.7 31.7 31.1 31.3 31.6 25.3   | Mini-<br>mum.<br>°C.<br>21.8<br>19.5<br>20.6<br>19.2<br>22.2<br>18<br>20.6<br>20.1<br>21.6<br>21.7<br>21.1<br>21.1<br>21.9<br>22.9  | San I Maximum.  °C. 26.8 30.4 31.2 32.9 30.1 29.2 28.9 27.4 29.6 32.4 34.1 30.2 29.9 25.6 6  | sidro.  Minimum.  °C. 18 20, 7 20, 7 21, 9 22 18, 6 17 18, 3 17, 2 18, 9 21, 4 21, 3 21, 2 21, 5 20, 3 20, 6   | Tar<br>Maxi-<br>mum.<br>°C.<br>29.9<br>31<br>34<br>33.6<br>34.8<br>33.25<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>33.2<br>34.5<br>33.2<br>34.5   | Minimum.  °C. 20 19.2 19.4 20.6 20.2 21.4 17 20.3 19.4 21.3 21.7 21.4 21.7   | Maximum.  °C. 25.1 27 25.3 26.9 30 29.3 28 27.5 26.6 25.5 24.9 26.2 28.6 28.2 27.7                                   | ler.  Mirr mus 20.: 21.: 19.: 119.: 21.: 20.: 21.: 21.: 20.: 21.: 21.: 21.: 21.: 21.: 21.: 21.: 21  |
| Day.   | Para Maximum.  °C. 24.3 28.2 25.4 27.5 28.7 28.7 25.2 26.9 24.8 24.1 24.4 24.8 26.9 28.8 28.2 25.2 24.1   | Minimum.  °C. 21.8 23.1 22.6 21 20.9 23 21.3 21.4 22.5 22.5 22.7 22.7 22.8 21.9 22 21 19.6  | Santa Lag Maximum.  °C. 25.8 27.3 28.2 30.1 30.9 26.8 24.9 26.6 25.3 25.1 28.4 30.2 25.6 25.6 25.6  | Minimum.  °C. 21. 7 22. 2 22. 2 20. 7 20. 7 20. 8 22. 3 21. 3 21. 7 22. 1 21. 8 22. 8 22. 1 21. 2 22. 1 21. 2 22. 1 21. 2 22. 2  | Maximum.  °C. 26. 4 28. 8 32. 3 30. 4 31. 2 29. 5 26. 5 26. 5 29. 1 30. 2 31. 6 30. 8 30. 8   | Minimum.  °C. 20.5 20.8 20.1 21.1 20.7 21.6 18.6 17.8 19.4 20 21.7 21.3 20 20.3 22.4 21.2 20.4                                       | Maximum.  °C. 29.2 28.6 31.3 32.3 32.2 32.9 30.3 29.3 27.7 29.4 25.2 28.2 30.8 32.2 28.6 628.5 28.4   | Mini-<br>mum.<br>°C.<br>20.3<br>21.3<br>20.6<br>19.3<br>20.6<br>19.3<br>20.2<br>20.1<br>19.3<br>20.2<br>20.2<br>20.1<br>19.3<br>20.2<br>20.3<br>19.3<br>20.3<br>20.3<br>20.6  | Maximum.  °C. 30.3 30.3 30.8 31.4 30.4 31.3 31.3 29.6 31 31.7 31.7 31.7 31.7 31.6 25.3 27.6  | Mini-<br>mum.  °C. 21.8 19.5 20.6 19.2 22.2 22.2 22.2 20.6 20.1 21.5 21.6 21.7 21.1 21 19.7 22.9 19 20.6 19.6   | San I  Maximum.  °C. 26.8 30.4 31 31.2 32.9 32.9 30.1 29.2 28 29.9 27.4 29 27.4 29 29.6 32.4 30.2 29.9 27.1 27.8                         | sidro.  Minimum.  °C. 18 20 20, 7 20, 7 21, 9 21, 8 17, 22 18, 9 21, 4 21, 3 21, 2 21, 5 20, 3 20, 6 18, 6 18, 6   | Tar<br>mum.<br>°C.<br>29. 9<br>31<br>34<br>33. 6<br>34. 8<br>33. 2<br>32. 5<br>32. 5 | Minimum.  °C. 20 19.2 19.4 20.6 20.2 21.4 17.2 16.7 20.3 19.4 21.3 21.7 21.4 21.7 22 17.6 19.4 19.4  | Maximum.  °C. 25.1 27.25.3 26.9 30 29.3 27.5 26.6 25.5 25.9 26.2 24.9 26.2 27.7 24.4 24.4                            | ler.  Mirr must 20. 20. 21. 20. 21. 19. 21. 22. 20. 19. 21. 21. 21. 21. 21. 21. 21. 21. 71. 17. 17. 17. 17. 17. 17. 17. 17. 1   |
| Day.   | Para<br>Maxi-<br>mum.<br>°C.<br>24.3<br>28.2<br>25.4<br>27.5<br>28.7<br>25.2<br>26.9<br>24.8<br>26.9<br>24.8<br>26.9<br>28.2<br>25.2<br>24.1<br>24.8<br>28.2<br>26.3  | Minimum.  °C. 21.8 23.1 22.6 21.3 21.3 21.4 22.5 22.5 22.7 22.8 21.9 22   | Santa<br>Lag<br>Maxi-<br>mum.<br>°C.<br>25.8<br>27.3<br>28.2<br>30.1<br>30.9<br>26.9<br>26.9<br>26.9<br>26.9<br>26.3<br>25.1<br>28.4<br>9<br>26.3<br>25.1<br>28.2<br>25.6<br>26.5 | Minimum.  °C. 21. 7 22. 2 22. 2 20. 7 21. 5 20. 7 20. 8 22. 3 21. 3 21. 3 21. 3 21. 3 21. 5 22. 8 22. 5 21. 5 21. 5 20. 5 20. 5 21. 2 20. 5 21. 5 20. 5  | Maximum.  °C. 26. 4 28. 8 29. 8 32. 3 30. 4 31. 2 29. 5 26. 5 29. 1 30. 2 31. 6 31. 4 30. 8 30 27. 7. 3 26. 7. 3 26. 7. 3                 | Minimum.  °C. 20.5 20.8 20.1 21.1 20.7 21.6 17.3 17.8 19.4 20.7 21.3 20.3 22.4 21.2 20.4 18.1  | Maximum.  °C. 29.2 28.6 31.3 32.3 32.9 30.3 27.7 29.4 25.2 28.2 30.8 30.2 28.6 28.5 28.4  | Minimum.  °C. 20.3 20.1 20.1 19.3 20.6 19 17.4 16.6 20.7 19.3 18.9 20.2 19.5 19.3 20.3 19.3 19.6 19.3   | Maximum.  °C. 30.3 30.8 31.4 31.3 29.1 31.3 29.1 31.3 32.2 30.3 30.7 31.7 31.1 31.3 25.6 25.3 27.6 29.3                                    | Minimum.  °C. 21.8 19.5 20.6 19.2 22.2 22.2 18 20.6 20.1 21.5 21.7 21.1 21.7 22.9 19 20.6 19.6 20.6   | San I  Maximum.  °C. 26.8 30.4 31 31.2 32.9 30.1 29.2 28 29.9 27.4 29 29.6 32.4 34.1 30.2 29.9 25.6 27.7 27.8 28.5                       | sidro.  Minimum.  °C. 18 20 20, 7 20, 7 21, 9 22 18, 6 17, 2 18, 9 21, 4 21, 4 21, 4 21, 3 21, 2 20, 3 20, 6 18, 6 18, 6 18, 6                             | Tar<br>mum.<br>°C.<br>29.9 9<br>31<br>34<br>33.6<br>34.8<br>33.2<br>32.5<br>32.5<br>32.5<br>32.5<br>33.5<br>32.5<br>33.5<br>33.5<br>32.5<br>33.5<br>33.2<br>34.5<br>33.2<br>34.5<br>33.2<br>34.5<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3<br>33.3   | Minimum.  °C. 20 19.2 19.4 20.6 20.2 21.4 17 17.2 16.7 20.3 19.4 21.7 21.4 21.7 21.4 21.7 21.4 21.7 21.7 21.4 21.7 2 | Maximum.  °C. 25.1 27 25.3 26.9 30 29.3 27.5 26.6 25.5 24.9 26.2 27.7 25.7 25.7 24.4 24.4 27.2                       | ler.  Min mu 20.: 20.: 21.: 19.: 17.: 21. 21. 21. 21. 21. 21. 21. 21. 21. 21.   |
| Day.   | Para<br>Maxi-<br>mum.<br>°C.<br>24.3<br>28.2<br>25.4<br>27.5<br>28.7<br>25.2<br>26.9<br>24.8<br>26.9<br>24.8<br>26.9<br>28.2<br>25.2<br>24.1<br>24.8<br>28.2<br>26.3  | Minimum.  °C. 21.8 23.1 22.6 21.2 20.9 23.2 21.3 21.4 22.3 22.5 22.5 22.7 22.7 22.7 22.7 22.8 21.9 22 21 20.8 20.8                                | Santa Lag Maximum.  °C. 25.8 27.3 28.2 30.1 30.9 26.8 24.9 26.6 25.3 25.1 28.4 30.2 25.6 24.3 25.1 27.3   | Minimum.  °C. 21. 7 22. 2 22. 2 20. 4 20. 7 21. 5 20. 7 21. 8 22. 3 21. 3 21. 7 22. 1 21. 8 20. 5 21. 2 20. 1 17. 8  | Maximum.  °C. 26. 4 28. 8 32. 3 30. 4 31. 2 29. 5 26. 5 29. 1 30. 2 31. 6 31. 4 30. 8 30 27. 1 28. 9 27. 3 26. 7                          | Minimum.  °C. 20.5 20.8 20.1 21.1 20.7 21.6 18.6 17.3 17.8 19.4 20 21.7 21.3 20 20.3 22.4 21.2 20.4 19.4 18.1                        | Maximum.  °C. 29. 2 28. 6 31. 3 32. 3 32. 2 32. 9 30. 3 27. 7 29. 4 25. 2 28. 2 30. 8 32. 2 28. 6 28. 7 30. 2 28. 6 28. 7 28. 6 28. 7   | Minimum.  20.3 21.3 20 20.1 19.3 20.6 19 17.4 16.6 20.7 19.3 18.9 18.9 20.2 19.5 19.3 20.3 19.6 19.3 19.6 19.3  | Maxi-mum.  °C. 30.3 30.3 30.3 30.8 31.4 31.3 29.6 31.3 29.6 31.3 32.2 30.3 30.7 31.7 31.7 31.1 31.3 25.6 25.6 29.8 29.8                    | Mini-<br>mum.  °C. 21.8 19.5 20.6 19.2 22.2 18 13.2? 20 20.6 21.5 21.6 21.7 21.1 21 19.7 22.9 19.6 20.6 19.6 19.6 20.7  | San I  Maximum.  °C. 26.8 30.4 31 31.2 32.9 31.9 30.1 29.2 28 29.9 27.4 29 29.6 32.4 34.1 30.2 29.9 25.6 27.1 27.8 28.5 29.2             | sidro.  Minimum.  °C. 18 20, 7 20, 7 20, 7 21, 9 21, 18, 3 17, 22 18, 9 21, 4 21, 4 21, 4 21, 5 20, 3 20, 6 18, 6 18, 6 18, 6 18, 6 15, 8                  | Tar<br>mum.<br>°C.<br>29.9<br>31<br>34<br>33.6<br>34.8<br>33.2<br>32.5<br>33.5<br>32.5<br>33.5<br>33.5<br>33.5<br>33.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>3  | Minimum.  °C. 20 19.2 19.4 20.6 20.2 21.4 17 17.2 16.7 20.3 19.4 21.7 21.4 21.7 22.1 17.6 19.4 18.7 16.6   | Maximum.  °C. 25.1 27 25.3 26.9 30 29.3 27.5 26.6 25.5 24.9 26.2 28.6 28.2 27.7 25.7 24.4 27.2 25.6                  | ler.  Mirr must 20.: 20.: 21.: 20.: 21.: 20.: 19.: 17.: 21.: 21.: 20.: 21.: 21.: 21.: 21.: 21.: 21.: 21.: 21  |
| Day.   | Para Maximum.  °C. 24.3 28.2 25.4 27.5 28.7 25.2 26.9 24.8 24.1 24.8 26.9 28.8 28.2 25.2 24.1 24.8 28.2 25.2 25.8 26.8 24.8   | Minimum.  °C. 21.8 23.1 22.6 21.3 21.3 21.4 22.5 22.7 22.7 22.7 22.8 21.9 22.9 22.0 20.8 20.8   | Santa Lag Maximum.  °C. 25.8 27.3 28.2 30.1 30.9 26.9 26.6 24.3 25.1 28.4 30.2 25.6 24.3 25.1 27.3  | Minimum.  °C. 21. 21. 7 22. 2 22. 2 20. 4 20. 7 21. 5 20. 7 20. 8 22. 3 21. 5 20. 7 20. 8 22. 3 21. 7 20. 8 21. 5 20. 5 20. 5 20. 5 20. 5 20. 5 20. 1 21. 8 20. 5 20. 5 20. 5 20. 1 20. 5 20. 1  | Maximum.  °C. 26.4 28.8 32.3 30.4 29.5 29.5 29.1 30.2 31.6 31.4 30.8 30 27.1 28.9 27.3 26.7 28.7  | Mini-mum.  °C. 20.5 20.8 20.1 21.1 20.7 21.6 18.6 17.3 17.8 19.4 20 21.7 21.3 20 20.3 20.4 21.2 20.4 19.4 11.1 17                    | Maximum.  °C. 29.2 28.6 31.3 32.3 32.2 33.9 30.3 27.7 29.4 25.2 28.2 30.8 32.2 33.0 7 30.2 28.6 28.5 28.4 27.6 28.7   | Mini-mum.  20.3 21.3 20 20.1 19.3 20.6 19 17.4 16.6 20.7 19.3 18.9 20.2 19.5 19.3 19.6 19.3 19.6 19.3 16.2 16.8 15.4  | Maxi-mum.  °C. 30.3 30.3 30.8 31.4 30.4 31.3 29.6 31. 31.3 32.2 30.3 30.7 31.7 31.1 31.3 31.6 25.3 27.6 29.3 29.8 29.5 29.9                | Mini-<br>mum.<br>°C.<br>21.8<br>19.5<br>20.6<br>19.2<br>22.2<br>21.6<br>20.1<br>21.6<br>21.7<br>21.1<br>21.9<br>20.6<br>20.1<br>21.9<br>21.9<br>21.9<br>21.9  | San I  Maximum.  °C. 26.8 30.4 31 31.2 32.9 30.1 29.2 28 29.9 27.4 29 6 32.4 34.1 30.2 29.9 25.6 27.1 27.8 28.5 29.2 28.7                | sidro.  Minimum.  °C. 18 20 7 20.7 21.9 22 18.6 17 18.3 17.2 18.9 21.4 21.4 21.3 21.2 21.5 20.3 20.6 18.6 18.6 18.6 15.8                                   | Tar<br>Maxi-<br>mum.<br>°C.<br>29.9 9<br>31<br>34<br>33.6 6<br>34.8 8<br>33.2 5<br>32.5 5<br>32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5   | Minimum.  °C. 20 19.2 19.4 20.6 20.2 21.4 17 20.3 19.4 21.7 21.6 19.4 18.7 16.6 17 16.7  | Maximum.  °C. 25.1 27 25.3 26.9 30 29.3 27.5 26.5 25.5 24.9 26.2 28.6 28.2 27.7 24.4 27.2 25.6 27.2                  | ler.  Mirmur 20.: 20.: 21.: 20.: 21.: 19.: 21.: 20.: 21.: 21.: 21.: 20.: 17.: 17.: 17.: 17.: 17.: 17.: 17.: 17  |
| Day.   | Para<br>Maxi-<br>mum.<br>°C.<br>24. 3<br>28. 2<br>25. 4<br>27. 5<br>28. 7<br>28. 7<br>28. 7<br>22. 26. 9<br>24. 8<br>24. 4<br>24. 8<br>26. 9<br>28. 8<br>22. 24. 1<br>24. 8<br>26. 9<br>28. 8<br>28. 24. 24. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8 | Minimum.  °C. 21.8 23.1 22.6 21.20.9 23.21.3 21.4 22.5 22.7 22.7 22.7 22.7 22.7 22.8 21.9 20.5 20.5 20.8 20.1 21.7                                | Santa Lag Maximum.  °C. 25.8 27.3 28.2 30.1 30.9 26.8 24.9 26.8 25.1 28.4 30.2 25.6 25.6 24.3 25.1 27.3 27.3 27.3   | Minimum.  °C. 21. 7 22. 2 20. 4 20. 7 21. 5 20. 7 20. 8 22. 3 21. 3 21. 3 21. 3 21. 3 21. 3 21. 1 21. 8 20. 5 22. 8 21. 2 20. 5 21. 2 20. 5 21. 2 20. 5 21. 2 20. 5 21. 2 20. 5 21. 2 20. 5 21. 2 20. 5 21. 2 20. 5 21. 2 20. 5 21. 2 20. 5 21. 2 20. 5 21. 2 20. 5 21. 2 20. 5 21. 2 20. 5 21. 2 20. 5 21. 2 20. 5 21. 2 20. 2 20. 5 20. 1 21. 2 20. 2 20. 2 20. 2 20. 2 20. 2 20. 2 20. 2 20. 5 20. 2 20. 2 20. 2 20. 2 20. 2 20. 2 20. 2  | Maximum.  °C. 26. 4 28. 8 32. 3 30. 4 31. 2 29. 5 26. 5 26. 5 29. 1 30. 2 31. 6 31. 4 30. 8 30. 2 31. 6 30. 2 31. 6 31. 28. 9 27. 3 26. 7 | Minimum.  °C. 20.5 20.8 20.1 21.1 20.7 21.6 18.6 17.8 17.8 20.2 20.3 21.2 20.3 22.4 21.2 20.4 18.1 17 16.2 19.6                      | Maximum.  °C. 29.2 28.6 31.3 32.3 32.3 32.9 30.3 27.7 29.4 25.2 28.6 28.6 28.6 28.7 28.9 29.3   | Mini-<br>mum.<br>°C.<br>20.3<br>21.3<br>20.6<br>19.3<br>20.6<br>19.3<br>20.6<br>19.3<br>20.2<br>19.3<br>20.2<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.5<br>19.3<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>19.5<br>1 | Maximum.  °C. 30.3 30.3 30.8 31.4 31.3 29.1 31.3 32.2 30.3 30.7 31.7 31.3 31.6 25.3 27.6 29.3 31.7 31.9 31.9 31.9 31.9 31.9 31.9 31.9 31.9 | Minimum.  °C. 21.8 19.5 20.6 19.2 22.2 18 13.2? 20 20.6 20.1 21.5 21.6 21.7 21.1 19.7 22.9 19 20.6 19.6 20.1 17.2 18  | San I  Maximum.  °C. 26.8 30.4 31.9 31.9 30.1 30.1 29.2 28 29.9 27.4 30.2 29.6 32.4 34.1 30.2 29.6 32.4 32.9 30.7 30.7 30.7 30.7 30.7    | sidro.  Minimum.  °C. 18 20 20.7 20.7 20.7 21.9 22 18.6 17.2 18.9 21.4 21.4 21.4 21.3 20.6 18.6 18.6 16.8 16.9 15.5  | Tar<br>mum.<br>°C.<br>29.9 9<br>31<br>34<br>33.6<br>34.8<br>33.2<br>32.5<br>31.2<br>30.4<br>32.5<br>31.2<br>30.4<br>32.5<br>31.2<br>30.4<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5<br>32.5   | Minimum.  °C. 20 19.2 19.4 20.6 20.2 21.4 17 17.2 16.7 21.3 21.7 21.4 19.4 19.4 19.4 19.4 19.6 19.6 19.7 16.6  | Maximum.  °C. 25.1 27 25.3 26.9 30 29.3 27.3 27.5 26.6 25.5 24.9 26.2 28.6 28.7 25.7 24.4 27.2 27.2 28.6 27.7 25.7   | ler.    Min mun   00.2   20.2   20.2   20.2   20.2   20.2   21.4   20.2   21.4   20.2   21.4   20.2   21.7   20.2   |
| Day.  1. 2. 3. 4. 5. 6. 7. 8. 9. 0. 1. 2. 3. 4. 5. 6. 7. 8. 9. 0. 1. 2. 3. 4. 5. 6. 7. 8. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9.   | Para Maximum.  °C. 24.3 28.2 25.4 27.5 28.7 25.2 26.9 24.8 24.1 24.8 26.9 28.8 24.1 24.8 26.9 28.8 22.2 25.2 24.1 24.8 26.8 24.2 24.2 23.88 26.8  | Minimum.  °C. 21.8 23.1 22.6 21 20.9 23.21.4 22.3 21.4 22.5 22.7 22.7 22.7 22.8 21.9 22.0 20.1 21.7 22.8  | Santa Lag Maximum.  °C. 25.8 27.3 28.2 30.1 30.9 26.9 26.9 26.5 25.6 25.6 26.5 25.6 24.3 25.1 27.3 25.1 27.3 25.3 25.1 26.8   | Minimum.  °C. 21 21.7 22.2 22.2 20.4 20.7 21.5 20.7 21.8 22.3 21.3 21.3 21.5 22.8 21.5 22.8 21.5 21.2 20.5 19.5 20.1   | Maximum.  °C. 26.4 28.8 32.3 30.4 31.2 29.5 26.6 29.1 30.2 31.6 30.8 30.8 30.8 30.8 30.8  | Mini-mum.  °C. 20.5 20.8 20.1 21.1 20.7 21.6 18.6 17.8 19.4 20. 21.7 21.3 20 20.3 22.4 21.2 20.4 19.4 18.1 17 16.2 19.6 15.7         | Maximum.  °C. 29. 2 28. 6 31. 3 32. 3 32. 2 32. 9 30. 3 29. 3 32. 2 28. 6 28. 5 28. 4 27. 6 28. 5 28. 4 27. 6 28. 7 28. 9 29. 2 31. 6   | Mini-<br>mum.<br>°C.<br>20.3<br>21.3<br>20.6<br>19.3<br>20.6<br>19.3<br>18.9<br>20.2<br>19.5<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>1 | Maxi-mum.  °C. 30.3 30.3 30.8 31.4 31.3 31.3 29.6 31 32.2 30.3 31.7 31.7 31.7 31.6 25.3 27.6 29.8 29.5 29.9 30.6                           | Mini-mum.  °C. 21.8 19.5 20.6 19.2 22.2 22.2 22.2 20.6 20.1 21.5 21.6 21.7 21.1 21 19.7 22.9 19.6 20.6 20.7 21.1 21 21 21 21 21 21 21 21 21 21 21 21 21   | San I  Maximum.  °C. 26.8 30.4 31 31.2 32.9 32.9 30.1 29.2 28 29.9 27.4 29 29.6 32.4 30.2 29.9 25.6 27.1 27.8 28.5 29.2 28.7             | sidro.  Minimum.  °C. 18 20 20, 7 20, 7 21, 9 21, 18, 3 17, 22 18, 9 21, 4 21, 3 21, 2 21, 5 20, 3 6 18, 6 18, 6 18, 6 18, 6 18, 6 15, 8 16, 9 15, 5 17, 3 | Tar<br>mum.<br>°C.<br>29. 9<br>31<br>34<br>33. 6<br>34. 8<br>33. 2<br>32. 5<br>32. 5<br>32. 5<br>31. 2<br>30. 4<br>32. 5<br>33. 2<br>33. 2<br>34. 5<br>33. 2<br>32. 5<br>32. 5<br>32. 5<br>33. 2<br>34. 32. 5<br>35. 6<br>36. 6<br>37. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>3 | Minimum.  °C. 20 19.2 19.4 20.6 20.2 21.4 17 20.3 19.4 21.7 21.6 19.4 18.7 16.6 17 16.7  | Ba  Maximum.  °C. 25.1 27 25.3 26.9 30 29.3 28 27.3 27.5 26.6 25.5 24.9 26.2 28.6 28.2 27.7 24.4 27.2 25.6 27.2 28.5 | ler.    Minmun   100   20.1   20.1   20.1   21.1   20.1   21.1   20.1   21.1   20.1   21.1   21.1   21.1   21.1   21.1   21.1   21.1   21.1   21.1   21.1   21.1   21.1   21.1   21.1   21.1   20.1   21.1   21.1   21.1   20.1   21.1   21.1   20.1   21.1   20.1   21.1   20.1   |
| Day.  1. 2. 3. 4. 5. 6. 7. 8. 9. 0. 1. 2. 3. 4. 5. 6. 7. 8. 9. 0. 1. 2. 3. 4. 5. 6. 7. 8. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9.   | Para Maximum.  °C. 24.3 28.2 25.4 27.5 28.7 25.2 26.9 24.8 24.1 24.8 26.9 28.8 24.1 24.8 26.9 28.8 22.2 25.2 24.1 24.8 26.8 24.2 24.2 23.88 26.8  | Minimum.  °C. 21.8 23.1 22.6 21 20.9 23.1 21.4 22.3 21.3 21.2 20.5 22.7 22.8 21.9 22.5 22.7 22.8 21.9 21.9 22.0 20.5 20.5 20.5 20.7 22.8          | Santa Lag Maximum.  °C. 25.8 27.3 28.2 30.1 30.9 26.8 24.9 26.6 25.3 25.1 28.4 30.2 25.6 24.3 25.1 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3  | Minimum.  °C. 21. 21. 7 22. 2 22. 2 20. 7 21. 5 20. 7 20. 8 22. 3 21. 3 21. 3 21. 7 22. 1 21. 8 20. 5 21. 2 22. 1 21. 8 20. 5 21. 2 21. 8 21. 7 22. 1 21. 8 20. 5 21. 2 21. 3 21. 3 21. 3 21. 3 21. 3 21. 3 21. 3 21. 3 21. 3  | Maximum.  °C. 26. 4 28. 8 29. 8 32. 3 30. 4 31. 2 29. 5 26. 5 29. 1 30. 2 31. 6 31. 4 30. 8 26. 7 28. 7 30 28. 8 31. 8 31. 8              | Minimum.  °C. 20.5 20.8 20.1 21.1 20.7 21.6 18.6 17.3 17.8 19.4 20.7 21.3 20.3 22.4 21.4 21.5 16.6 15.7 18.1 17                      | Maximum.  °C. 29.2 28.6 31.3 32.3 32.9 30.3 27.7 29.4 25.2 30.8 32.7 27.7 30.2 28.6 28.6 28.6 28.7 28.9 29.2 31.6   | Mini-mum.  20.3 21.3 20.6 19.3 20.6 19.3 20.7 19.3 20.2 20.1 19.3 20.2 20.1 19.3 20.2 19.5 19.3 20.3 19.6 19.3 16.8 15.4 18.8 17.3  | Maximum.  °C. 30.3 30.3 30.8 31.4 31.3 29.1 31.3 32.2 30.3 30.7 31.7 31.3 31.6 25.3 27.6 29.3 31.7 32.9 30.3                               | Mini-<br>mum.  °C. 21. 8 19. 5 20. 6 19. 2 22. 2 22. 2 20. 2 20. 1 21. 5 21. 6 21. 7 21. 1 21 19. 7 22. 9 19. 6 20. 17. 2 18 18. 2 18. 6 20. 17. 2 18 18. 2 18. 6 20. 17. 2 18. 18. 6 20. 17. 2 19. 6 | San I  Maximum.  °C. 26.8 30.4 31.9 31.9 30.1 30.1 29.2 28 29.9 27.4 30.2 29.6 32.4 34.1 30.2 29.6 32.4 32.9 30.7 30.7 30.7 30.7 30.7    | sidro.  Minimum.  °C. 18 20 20.7 20.7 20.7 21.9 22 18.6 17.2 18.9 21.4 21.4 21.4 21.3 20.6 18.6 18.6 16.8 16.9 15.5  | Tar<br>mum.<br>°C.<br>29.9<br>31<br>33.6<br>34.8<br>33.2<br>32.5<br>33.5<br>33.5<br>32.5<br>33.5<br>33.2<br>30.4<br>32.5<br>33.2<br>30.4<br>32.5<br>33.2<br>30.4<br>32.5<br>33.2<br>30.4<br>32.5<br>33.2<br>30.4<br>32.5<br>33.2<br>30.4<br>32.5<br>33.5<br>33.2<br>30.4<br>32.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5   | Minimum.  °C. 20 19.4 20.6 20.2 21.4 17 17.2 21.4 21.7 21.4 21.7 21.4 21.7 21.6 19.4 19.4 19.4 19.7 16.6 17 16.8 17.8 20 17.5  | Maximum.  °C. 25.1 27.25.3 26.9 30 29.3 27.5 26.6 25.5 24.9 26.2 27.7 24.4 27.2 28.6 27.2 28.6 27.2 28.5 27.7        | Min mui   |
| Day. | Para Maximum.  °C. 24.3 28.2 25.4 27.5 28.7 28.7 28.7 26.9 24.8 24.1 24.4 24.8 26.9 28.8 26.2 25.1 24.8 26.9 28.8 26.2 24.2 24.2 27.8   | Minimum.  °C. 21.8 23.1 22.6 21 20.9 23.21.4 22.3 21.4 22.5 22.7 22.7 22.7 22.8 21.9 22.0 20.1 21.7 22.8  | Santa Lag Maximum.  °C. 25.8 27.3 28.2 30.1 30.9 26.9 26.9 26.5 25.6 25.6 26.5 25.6 24.3 25.1 27.3 25.1 27.3 25.3 25.1 26.8   | Minimum.  °C. 21 21.7 22.2 22.2 20.4 20.7 21.5 20.7 21.8 22.3 21.3 21.3 21.5 22.8 21.5 22.8 21.5 21.2 20.5 19.5 20.1   | Maximum.  °C. 26.4 28.8 32.3 30.4 31.2 29.5 26.6 29.1 30.2 31.6 30.8 30.8 30.8 30.8 30.8  | Mini-mum.  °C. 20.5 20.8 20.1 21.1 20.7 21.6 18.6 17.8 19.4 20. 21.7 21.3 20 20.3 22.4 21.2 20.4 19.4 18.1 17 16.2 19.6 15.7         | Maximum.  °C. 29. 2 28. 6 31. 3 32. 3 32. 2 32. 9 30. 3 29. 3 32. 2 28. 6 28. 5 28. 4 27. 6 28. 5 28. 4 27. 6 28. 7 28. 9 29. 2 31. 6   | Mini-<br>mum.<br>°C.<br>20.3<br>21.3<br>20.6<br>19.3<br>20.6<br>19.3<br>18.9<br>20.2<br>19.5<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>19.3<br>1 | Maximum.  °C. 30.3 30.8 31.4 31.3 29.6 31.3 29.6 31.3 32.2 30.3 30.7 31.7 31.3 27.6 25.3 27.8 29.9 30.6 29.8                               | Minimum.  °C. 21.8 19.5 20.6 19.2 22.2 18 20.6 20.1 21.5 21.6 21.7 21.1 19.6 21.7 22.9 19.6 19.6 20.1 18.2 18.2 18.2 19.6   | San I  Maximum.  °C. 26.8 30.4 31.9 31.9 30.1 29.2 28 29.9 27.4 29.6 32.4 34.1 30.2 29.9 25.6 27.1 27.8 28.5 29.2 28.7                   | sidro.  Minimum.  °C. 18 20 20.7 20.7 21.9 22 18.6 17.2 18.9 21.4 21.4 21.4 21.3 21.2 20.6 18.6 15.8 16.9 15.5 17.3  | Tar<br>mum.<br>°C.<br>29.9 9<br>31<br>34<br>33.6<br>34.8<br>33.2<br>32.5<br>32.5<br>33.5<br>32.5<br>33.3<br>34.5<br>33.3<br>34.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5   | Minimum.  °C. 20 19.2 19.4 20.6 20.2 21.4 17 17.2 16.7 21.4 21.7 21.4 21.7 21.7 17.6 19.4 18.7 16.6 17 16.6 17 16.8  | Maximum.  °C. 25.1 27 25.3 26.9 30 29.3 27.5 26.6 25.5 24.9 26.2 28.6 28.7 25.7 24.4 27.2 27.2 28.6 27.5             | Minmui<br>  20.20.1<br>  20.1<br>  20.1<br>  21.1<br>  21.1<br>  21.2<br>  21.2<br>  21.2<br>  21.2<br>  21.2<br>  21.3<br>  21 |
| Day.  Day.  Day.   | Para Maximum.  °C. 24.3 28.2 25.4 27.5 28.7 28.7 28.7 25.2 26.9 24.8 24.1 24.8 26.9 28.8 28.2 25.1 24.8 25.8 26.8 26.8 27.3   | Minimum.  °C. 21.8 23.1 22.6 21 20.9 23.2 21.4 22.3 22.5 22.7 22.7 22.7 22.7 22.8 21.9 22 21 19.6 20.5 20.8 20.1 21.7 22 22.6 20.2 22.6 20.1 21.7 | Santa Lag Maximum.  °C. 25.8 27.3 28.2 30.1 30.9 26.9 26.9 26.9 26.3 25.1 27.3 27.1 26.5 26.5 28.4 30.7   | Minimum.  °C. 21. 21. 7 22. 2 2. 2 20. 4 20. 7 21. 3 21. 3 21. 3 21. 7 22. 1 17. 8 20. 5 20. 1 17. 8 20. 2 20. 1 17. 8 20. 2 20. 1 17. 8 20. 2 20. 1 17. 8 20. 2 20. 1 17. 8 20. 2 20. 1 17. 8 20. 2 20. 1 17. 8 20. 2 20. 1 17. 8 20. 2 20. 1 17. 8 20. 2 20. 1 17. 8 20. 2 20. 1 17. 8 20. 2 2 | Maximum.  °C. 26.4 28.8 32.3 30.4 31.2 29.5 26.6 29.1 30.2 31.6 30.8 30.8 30.9 27.1 28.9 26.7 28.7 30.8 31.8 31.8                         | Mini-mum.  °C. 20.5 20.8 20.1 21.1 20.7 21.6 18.6 17.3 17.8 19.4 20.2 20.4 19.4 18.1 17. 16.2 19.6 15.7 18 20.4 17.3                 | Maximum.  °C. 29. 2 28. 6 31. 3 32. 2 32. 9 30. 3 29. 3 29. 3 29. 3 29. 3 29. 3 29. 3 27. 7 29. 4 25. 2 28. 6 28. 5 28. 4 27. 6 28. 5 28. 4 27. 6 28. 5 28. 4 27. 6 28. 5 28. 4 27. 6 28. 5 28. 4 27. 6 28. 5 28. 4 27. 6 28. 9 29. 2 31. 6 31. 7 33. 2 | Minimum.  20.3 21.3 20.6 19 20.6 19.3 20.6 19.3 20.6 19.3 18.9 20.2 19.5 19.3 20.3 19.6 19.3 19.6 19.3 16.2 16.8 17.3 19.9 16.8   | Maxi-mum.  °C. 30.3 30.3 30.3 30.8 31.4 31.3 32.9 31.3 32.9 30.3 30.7 31.7 31.7 31.1 31.3 31.6 25.3 29.8 29.9 30.9 30.9                    | Mini-<br>mum.  °C. 21. 8 19. 5 20. 6 19. 2 22. 2 22. 2 20. 2 20. 1 21. 5 21. 6 21. 7 21. 1 21 19. 7 22. 9 19. 6 20. 17. 2 18 18. 2 18. 6 20. 17. 2 18 18. 2 18. 6 20. 17. 2 18. 18. 6 20. 17. 2 19. 6 | Maxi-mum.  °C. 26.8 30.4 31 31.2 32.9 31.9 30.1 29.2 28 29.9 27.4 29 29.6 32.4 34.1 30.2 29.9 25.6 27.1 27.8 28.5 29.2 28.7 30.5 31 31.4 | sidro.  Minimum.  °C. 18 20, 7 20, 7 20, 7 21, 9 21 18, 8 17, 22 11, 8 21, 2 21, 5 20, 6 18, 6 18, 6 15, 8 16, 9 15, 5 17, 3 19, 8 18, 11                  | Tar<br>mum.<br>°C.<br>29.9<br>31<br>33.6<br>34.8<br>33.2<br>32.5<br>33.5<br>33.5<br>32.5<br>33.5<br>33.2<br>30.4<br>32.5<br>33.2<br>30.4<br>32.5<br>33.2<br>30.4<br>32.5<br>33.2<br>30.4<br>32.5<br>33.2<br>30.4<br>32.5<br>33.2<br>30.4<br>32.5<br>33.5<br>33.2<br>30.4<br>32.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5<br>33.5   | Minimum.  °C. 20 19.4 20.6 20.2 21.4 17 17.2 21.4 21.7 21.4 21.7 21.4 21.7 21.6 19.4 19.4 19.4 19.7 16.6 17 16.8 17.8 20 17.5  | Maximum.  °C. 25.1 27.25.3 26.9 30 29.3 27.5 26.6 25.5 24.9 26.2 27.7 24.4 27.2 28.6 27.2 28.6 27.2 28.5 27.7        | Min mur   |

# Maximum and minimum temperatures at the stations of the Weather Bureau, February, 1918—Continued.

|  |                           | Dagu   | upan.  | Boli  | nao.   | Bag   | ruio.   | San F<br>do, U  | ernan-<br>nion.   | Echa   | agüe.  | Can  | don.                           |
|--|---------------------------|--|--|---|--|---|---|---|---|--|--|--|--------------------------------|
| 2  | Day.                      |  |  |   |  |   | Mini-<br>mum.   |   |   |  |  | Maxi-<br>mum.  | Mini-<br>mum.                  |
| Nean   35   20,9   31,9   20   22,8   14,4   30,9   19,5   31   20,5   32,5  | 2. 3. 4. 5. 6. 6. 7. 8. 9 | 29, 6<br>30, 5<br>31, 6<br>30, 5<br>28, 6<br>29, 5<br>32, 5<br>29<br>31<br>29<br>34<br>31, 6<br>32, 9<br>30, 4<br>27, 5<br>29<br>28, 5<br>29, 1<br>32, 30<br>29, 1<br>32, 31<br>31, 31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, 4<br>31, | 20. 7<br>21<br>20. 4<br>20. 5<br>23. 5<br>23. 1<br>18<br>20<br>19. 4<br>20. 3<br>20. 1<br>22. 1<br>22. 1<br>22. 5<br>23<br>22. 2<br>21. 7<br>19. 6<br>18. 9<br>19. 3<br>18. 5<br>18. 5<br>18. 6<br>18. 6 | 31. 4<br>32. 7<br>32. 9<br>32. 7<br>30. 8<br>30. 9<br>30. 8<br>30. 7<br>28. 6<br>30. 9<br>33. 31. 5<br>31. 6<br>30. 29. 9<br>29. 4<br>30. 2<br>31. 3<br>31. 3 | 21. 6<br>23. 3<br>21. 6<br>20<br>24. 8<br>23. 9<br>22<br>20. 3<br>20. 3<br>20. 9<br>22<br>23. 2<br>24. 6<br>24. 5<br>23<br>20. 5<br>17. 7<br>19. 6<br>20. 2<br>21<br>18<br>20. 2 | 18. 1<br>21. 1<br>25. 1<br>22. 7<br>23. 3<br>22. 3<br>20. 4<br>21. 8<br>20. 8<br>22. 3<br>20. 5<br>20. 5<br>23. 3<br>22. 3<br>20. 4<br>21. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 3<br>20. 3 | 11. 6<br>12. 6<br>13. 7<br>14. 5<br>14<br>12. 5<br>10. 4<br>10. 4<br>10. 9. 9<br>11. 7<br>12. 6<br>13<br>14. 3<br>14. 3<br>11. 6<br>8. 8<br>9. 1<br>10. 6<br>10. 6<br>10. 6<br>9. 9<br>9. 9 | 30. 1<br>30. 8<br>31. 2<br>29. 5<br>30. 6<br>31. 3<br>29. 3<br>29. 3<br>31. 4<br>30. 8<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>32. 5<br>27. 3<br>27. 8<br>28. 1<br>30. 9<br>29. 2<br>29. 5 | 20. 6<br>20. 5<br>20<br>20<br>22<br>15. 4<br>17. 1<br>18<br>17. 4<br>19. 5<br>21. 5<br>21. 3<br>21. 3<br>21. 3<br>21. 3<br>18. 8<br>17. 3<br>18. 6<br>6<br>16. 6<br>16. 5 | 26. 6<br>31. 1<br>32<br>31. 5<br>30<br>25<br>24. 4<br>25. 5<br>24. 6<br>21. 5<br>24. 4<br>24. 4<br>23. 2<br>24. 4<br>23. 6<br>20. 6<br>20. 6<br>22. 9<br>26. 4<br>28. 2<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>29. 4<br>29. 4<br>29. 4<br>29. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. | 18.3<br>19.2<br>20.7<br>21.5<br>21<br>19<br>18.3<br>18.5<br>18.5<br>18.8<br>20.6<br>18.9<br>17.4<br>16.9<br>17.8<br>17.3<br>14.2 | 32. 5<br>32. 4<br>32. 5<br>33. 5<br>31. 5<br>31. 4<br>31. 9<br>32. 29. 4<br>31. 5<br>32. 33. 9<br>32. 4<br>30. 5<br>30. 5<br>30. 5<br>31. 5<br>32. 4<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. | °C. 22 21.6 22 21.7 21 19.9 20 |
| Day.   Day.   Day.   Day.   Day.   Maximum.   Minimum.   Maximum.   Minimum.   8                        | 35   | 20.9   | 31.9  | 20   | 23.8  | 14.4  | 30.9  | 19.5  | 31   | 20.5   | 32.5   | 21. 5<br>22<br>21. 2           |
| mum.         mum. <th< th=""><th>Day.</th><th>Vig</th><th>gan.</th><th>Tugue</th><th>egarao.</th><th>Lac</th><th>oag.a</th><th>Apa</th><th>arri.</th><th></th><th></th><th>Domi</th><th>nto<br/>ingo,<br/>anes.</th></th<>   | Day.                      | Vig  | gan.   | Tugue   | egarao.  | Lac   | oag.a   | Apa   | arri.   |  |  | Domi   | nto<br>ingo,<br>anes.          |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$  |                           |  |  |   |  |   |   |   |   |  |  | Maxi-<br>mum.  | Mini-<br>mum.                  |
| 26   | 1                         | °C.  | °C.  | °C.   | °C.  | °C  | °C  | °C.   | °C.   | 00   |  |  | °C.                            |

a The maximum temperatures of this station are not very reliable: they seem to be too high.

### SEISMOLOGICAL BULLETIN FOR FEBRUARY, 1918.

By Rev. MIGUEL SADERRA MASÓ, S. J., Chief, Seismic and Magnetic Divisions, Weather Bureau.

#### EARTHQUAKES FELT IN THE PHILIPPINES.1

- 1, 10<sup>h</sup> 46<sup>m</sup> [1, 18<sup>h</sup> 46<sup>m</sup>]. Surigao (NE Mindanao). Oscillatory earthquake, direction W-E, intensity III, short duration. It was recorded at Butuan; the origin lay S of Leyte.
- 4, 3<sup>h</sup> 34<sup>m</sup> [4, 11<sup>h</sup> 34<sup>m</sup>]. Dapitan (NW Mindanao). Oscillatory earthquake of intensity III. Recorded at Butuan. Presumably it originated inside of the district of Dapitan, because it was also felt at Tukuran about 80 kilometers distant to the SSE on the Illana Bay.
- 4, 16<sup>h</sup> 55<sup>m</sup> [5, 0<sup>h</sup> 55<sup>m</sup>]. Naga (SE Luzon). Earthquake shock of intensity III, duration 4 seconds.
- 7, 5<sup>h</sup> 22<sup>m</sup> 44<sup>s</sup> \* [7, 13<sup>h</sup> 22<sup>m</sup> 44<sup>s</sup>]. E Mindanao. Earthquake of great extension and long duration. Its intensity reached degree VI-VII through the eastern portion of Mindanao corresponding to the districts of Agusan, Davao, the central and southern part of Surigao. Towards the west it was fairly perceptible as far as Dapitan about 400 kilometers distant from the eastern coast. The origin seems to have been in the Pacific Deep near to the parallel 8° N, at a distance of about 950 kilometers from Manila and 2,200 from Guam. It was a real macrosism recorded throughout the world.
- 13, 9<sup>h</sup> 05<sup>m</sup> 37<sup>s</sup> \* [13, 17<sup>h</sup> 05<sup>m</sup> 37<sup>s</sup>]. Legaspi (SE Luzon). Oscillatory earthquake, direction NE-SW, intensity III, duration 3 seconds.
- 15,  $2^h$   $34^m$   $32^s$  \* [15,  $10^h$   $34^m$   $32^s$ ]. Aparri (NE Luzon). Earthquake shock of intensity III.
- 17, 8<sup>h</sup> 07<sup>m</sup> 20<sup>s</sup> \* [17, 16<sup>h</sup> 07<sup>m</sup> 20]. Palanoc (Masbate Island). Oscillatory earthquake, direction W-E, intensity III, duration 6 seconds, originated W of the island.
  - 19, 6<sup>h</sup> 09<sup>m</sup> [19, 14<sup>h</sup> 09<sup>m</sup>]. Baguio (W Luzon). Earthquake shock of intensity II–III.
- 22, 12<sup>h</sup> 33<sup>m</sup> [22, 20<sup>h</sup> 33<sup>m</sup>]. Samar Island. Earthquake of intensity III-IV felt in the central part of the island and specially toward the Pacific coast. The records of Butuan place the origin at a distance of 280 kilometers, and show a light repetition from the same origin at 12<sup>h</sup> 41<sup>m</sup> [20<sup>h</sup> 41<sup>m</sup>].
- 23, 11<sup>h</sup> 40<sup>m</sup> [23, 20<sup>h</sup> 40<sup>m</sup>]. Yap (Western Carolines). Earthquake of intensity III; with subterraneous rumbling, degree II Davison scale.
- $23,\,13^{\rm h}\,30^{\rm m}$  [23, 21  $^{\rm h}\,30^{\rm m}$ ]. Surigao (NE Mindanao). Oscillatory earthquake of intensity II–III.

<sup>&</sup>lt;sup>1</sup> The intensity of earthquakes is given in the notation known as the Rossi-Forel scale. The time is that indicated by the seismographs at the Central Observatory whenever the disturbance has been registered by them. This fact is denoted by an asterisk (\*). Otherwise the time is that noted by the observer who sent the report. All time indications are in Greenwich mean time (midnight= $0^{h}$ ), insular time being added in brackets for the convenience of Philippine readers.

- 24, 9<sup>h</sup> 02<sup>m</sup> 38<sup>s</sup> \* [24, 17<sup>h</sup> 02<sup>m</sup> 38<sup>s</sup>]. Cape Bojeador (NW Luzon). Earthquake of intensity III, duration 5 seconds. Origin under the China Sea.
- 24, 11<sup>h</sup> 23<sup>m</sup> [24, 19<sup>h</sup> 23<sup>m</sup>]. Dapitan (NW Mindanao). Earthquake shock of intensity II-III.
- 24,  $18^h$   $30^m$  [25,  $2^h$   $30^m$ ]. Cuyo Island. Oscillatory earthquake, direction E-W, intensity III-IV, duration 8 seconds.
  - 25, 10<sup>h</sup> 30<sup>m</sup> [25, 19<sup>h</sup> 30<sup>m</sup>]. Yap (Western Carolines). Earthquake of intensity II-III.
- 27, 9<sup>h</sup> 54<sup>m</sup> 42<sup>s</sup> \* [27, 17<sup>h</sup> 54<sup>m</sup> 42<sup>s</sup>]. Mindanao. Earthquake of intensity I–II recorded at Butuan and Mambajao and felt by few persons at rest. The origin lay at a distance of over 1,200 kilometers from Manila toward the S or SE of Mindanao.
- 27, 21<sup>h</sup> 35<sup>m</sup> [28, 5<sup>h</sup> 35]. Butuan (N Mindanao). Oscillatory earthquake, direction SW-NE, intensity III, duration 7 seconds.
- 28, 8<sup>h</sup> 49<sup>m</sup> [28, 16<sup>h</sup> 49<sup>m</sup>]. Surigao (NE Mindanao). Earthquake of intensity III. Recorded by the seismograph at Butuan; origin in the Pacific.

#### RECORDS OF THE MICROSEISMOGRAPH.

[Time: Greenwich mean. Midnight=0h. Instrument: Wiechert seismograph; 1,000 kilograms.  $A_N$ :  $T_0=5.9$ ,  $\epsilon=2.340$ ,  $\frac{r}{T_{o2}}=0.024$ ;  $A_E$ :  $T_0=5.3$ ,  $\epsilon=1.783$ ,  $\frac{r}{T_{o2}}=0.092$ . Alluvium. 2.40 meters above sea level.]

|     |       |            |  |                                |                      |         | Ampl                | itude.  |             |
|-----|-------|------------|--|--------------------------------|----------------------|---------|---------------------|---|-------------|
| No. | Date. | Character. | Phase.   | Hou                            | r.                   | Period. | A <sub>N</sub><br>μ | $egin{array}{c} \mathbf{A_E} \ \mu \end{array}$ | Remarks.    |
| 63  | 2     | Iv         | eP<br>F  | h. m<br>5 0                    | 5 32                 |         |                     |   |             |
| 64  | 4     | I          | e<br>F   | 18 0'<br>30                    | 7 22<br>6            |         |                     |   |             |
| 65  | 6     | Iv         | eP<br>F  | 17 58<br>18 00                 | 36<br>3              |         |                     |   |             |
| 66  | 7     | Ιv         | $\begin{array}{c} \mathbf{eP} \\ \mathbf{L} \\ \mathbf{M_N} \\ \mathbf{M_E} \\ \mathbf{F} \end{array}$ | 2 00<br>00<br>00<br>00         | 0 47<br>0 52<br>0 52 | 3 3     | 109                 | 98  |             |
| 67  | 7     | IlIv       | $^{\mathrm{iP}}_{\mathrm{iL}}\\ \mathbf{M_{N}}\\ \mathbf{M_{E}}\\ \mathbf{F}$                          | 5 23<br>24<br>24<br>25<br>7 33 | 5 10                 | 5<br>4  | 1, 333              | 942   | E Mindanao. |
| 68  | 7     | Ιv         | eP<br>F  | 22 0                           | 7 00                 |         |                     |   |             |
| 69  | 8     | Ιv         | eP<br><b>F</b>   | 4 3                            | 4 58<br>8            |         |                     |   |             |
| 70  | 9     | Ιν         | eP<br><b>F</b>   | 5 4<br>4                       | 4 06<br>7            |         |                     | <br>  |             |
| 71  | 9     | Ιv         | eP<br>F  | 13 3                           | 5 <b>46</b>          |         |                     |   |             |
| 72  | 9     | Ir         | e<br>F   | 20 5<br>21 2                   | 1 48<br>2            |         |                     |   |             |
| 73  | 10    | IIv        | $egin{array}{c} \mathbf{e^P} \\ \mathbf{L} \\ \mathbf{M_E} \\ \mathbf{M_N} \\ \mathbf{F} \end{array}$  | 10 3<br>3<br>3<br>11 0         | 2 37<br>2 42         | 4 4     | 101                 | 205   |             |
| 74  | 10    | Ιv         | eP<br>F  | 18 1                           | 2 06<br>5            |         |                     |   | ·           |
| 75  | 12    | Ir         | e<br>F   | 3 0                            | 6 48<br>1            |         |                     |   |             |
| 76  | 12    | I▼         | eP<br>F  | 11 3                           | 6 <b>3</b> 6         |         |                     |   |             |

#### SEISMOLOGICAL BULLETIN.

Records of the microseismograph—Continued.

|     |       |            |  |          |                                  |                            |          | Amp                 | litude.             |  |
|-----|-------|------------|--|----------|----------------------------------|----------------------------|----------|---------------------|---------------------|--|
| No. | Date. | Character. | Phase.   | н        | our.                             | •                          | Period.  | A <sub>N</sub><br>μ | A <sub>E</sub><br>μ | Remarks.   |
| 77  | 13    | Ir         | eP<br>S<br>L<br>M <sub>E</sub><br>M <sub>N</sub><br>F  | h. 2     | 37<br>42<br>46<br>48<br>50       | 28                         | 14<br>14 | 21                  | 18                  |  |
| 78  | 13    | IIIr       | eP<br>S<br>F   | 6 8      | 34<br>09<br>11<br>20             | 29<br>50                   |          |                     |                     | Swatow, China. L and maxima in both components lost by the force of the shocks, the pens being thrown out. |
| 79  | 13    | Ir         | $\begin{array}{c} \mathbf{eP} \\ \mathbf{S} \\ \mathbf{L} \\ \mathbf{M_E} \\ \mathbf{M_N} \\ \mathbf{F} \end{array}$ | 8        | 29<br>32<br>33<br>34<br>34<br>57 | 54<br>02<br>50<br>00<br>34 | 13       | 32                  | 27                  | China.   |
| 80  | 13    | Iv         | eP<br>L<br>F   | 9        | 05<br>06<br>09                   | 37<br>15                   |          |                     |                     | Legaspi (SE Luzon).  |
| 81  | 13    | IIr        | $\begin{array}{c} \mathbf{eP} \\ \mathbf{S} \\ \mathbf{L} \\ \mathbf{M_E} \\ \mathbf{M_N} \\ \mathbf{F} \end{array}$ | 20       | 30<br>31<br>32<br>32             | 18<br>38<br>54<br>28<br>57 | 15<br>14 | 151                 | 87                  | Swatow, China.   |
| 82  | 13    | Ir         | eP<br>S<br>L<br>F  |          | 04<br>07<br>09<br>40             | 38<br>02<br>00             |          |                     |                     |  |
| 83  | 14    | I          | e<br>F   | 2 3      | 51<br>09                         | 25                         |          |                     |                     |  |
| 84  | 14    | Ιv         | eP<br>F  | 11       | 51<br>54                         | 06                         |          |                     |                     |  |
| 85  | 15    | Ιv         | eP<br>F  | 2        | 34<br>39                         | 32                         |          |                     |                     | Aparri (NE Luzon).   |
| 86  | 16    | Ív         | eP<br>F  | 2        | 53<br>56                         | 52                         |          |                     |                     |  |
| 87  | 17    | Ιv         | eP<br>F  | 8        | 07<br>12                         | 20                         |          |                     |                     | Palanoc (Masbate Island)   |
| 88  | 18    | Ιv         | eP<br>F  | 8        | 30<br>33                         | 11                         |          |                     |                     | •  |
| 89  | 18    | Ιv         | eP<br>F  | 9        | 56<br>59                         | 25                         |          |                     |                     |  |
| 90  | 19    | Ir         | e<br>F   | 16<br>17 | 30<br>10                         | 00                         |          |                     |                     |  |
| 91  | 22    | Ιv         | eP<br>F  | 16       | 42<br>44                         | 34                         |          |                     |                     |  |
| 92  | 23    | Ιv         | eP<br>F  | 6        | 07<br>10                         | 06                         |          |                     |                     |  |
| 93  | 24    | Ιv         | eP<br>F  | 9        | 02<br>05                         | 38                         |          |                     |                     | Cape Bojeador (NW Luzon).  |
| 94  | 25    | Iv         | eP<br>F  | 11       | 05<br>08                         | 18                         |          |                     |                     |  |
| 95  | 25    | I▼         | $\begin{array}{c} \mathbf{eP} \\ \mathbf{L} \\ \mathbf{M_N} \\ \mathbf{F} \end{array}$                               | 11       | 19                               | 56<br>14<br>15             | 3        | 30                  |                     |  |
| 96  | 27    | Ιv         | eP<br>F  | 9        |                                  | 38                         |          |                     |                     |  |
| 97  | 27    | I          | eP<br>S<br>M <sub>N</sub><br>F   | 9        | 54<br>57<br>59                   | 42<br>02<br>38             | 13       | 17                  |                     | S or SE Mindanao.  |

157065—**—2** 

#### TEMBLORES DE TIERRA SENTIDOS EN FILIPINAS.1

- 1, 10<sup>h</sup> 46<sup>m</sup> [1, 18<sup>h</sup> 46<sup>m</sup>]. Surigao (NE de Mindanao). Temblor oscilatorio, dirección W-E, intensidad III, duración corta. Registrado en Butúan, el origen se hallaba hacia el S de Levte.
- 4, 3<sup>h</sup> 34<sup>m</sup> [4, 11<sup>h</sup> 34<sup>m</sup>]. **Dapitan** (NW de Mindanao). Temblor oscilatorio de intensidad III. Registrado en Butúan. Es probable que se originó dentro del distrito de Dapitan, pues fué también sentido en Tukuran, unos 80 kilómetros al SSE en la bahía Illana.
- 4,  $16^h$   $55^m$  [5,  $0^h$   $55^m$ ]. Naga (SE de Luzón). Temblor de tierra de intensidad III, duración 4 segundos.
- 7, 5<sup>h</sup> 22<sup>m</sup> 44<sup>s</sup> \* [7, 13<sup>h</sup> 22<sup>m</sup> 44<sup>s</sup>]. E de Mindanao. Terremoto de grande extensión y duración. Llegó a intensidad VI-VII en toda la parte oriental de Mindanao comprendida por los distritos de Agusan y Dávao y la parte central y S de Surigao; hacia el W fué bien perceptible hasta el distrito de Dapitan distante sobre 400 kilómetros de la costa oriental. Originóse en el Abismo del Pacífico cerca del paralelo 8° N, a unos 950 kilómetros de Manila y 2,200 de Guam. Fué un verdadero macrosismo registrado en todo el globo.
- 13, 9<sup>h</sup> 05<sup>m</sup> 37<sup>s</sup> \* [13, 17<sup>h</sup> 05<sup>m</sup> 37<sup>s</sup>]. Legaspi (SE de Luzón). Temblor oscilatorio, dirección NE-SW, intensidad III, duración 3 segundos.
- 15,  $2^h$   $34^m$   $32^s$  \* [15,  $10^h$   $34^m$   $32^s$ ]. Aparri (NE de Luzón). Temblor de tierra de intensidad III.
- 17,  $8^h$   $07^m$   $20^s$  \* [17,  $16^h$   $07^m$   $20^s$ ]. Palanoc (Isla de Masbate). Temblor oscilatorio, dirección E–W, intensidad III, duración 6 segundos. Originado al W de la isla.
- 19,  $6^h$   $09^m$  [19,  $14^h$   $09^m$ ]. Baguio (W de Luzón). Temblor de tierra de intensidad II-III.
- 22, 12<sup>h</sup> 33<sup>m</sup> [22, 20<sup>h</sup> 33<sup>m</sup>]. Isla de Sámar. Temblor de tierra de intensidad III–IV, sentido en la parte central de la isla principalmente cerca de la costa del Pacífico. Los registros de Butúan colocan el origen a unos 280 kilómetros de distancia y contienen una repetición débil del mismo origen a 12<sup>h</sup> 41<sup>m</sup> [20<sup>h</sup> 41<sup>m</sup>].
- 23, 11<sup>h</sup> 40<sup>m</sup> [23, 20<sup>h</sup> 40<sup>m</sup>]. Yap (Carolinas Occidentales). Temblor de tierra de intensidad III. Con ruido subterráneo grado II de Davison.
- 23,  $13^h$   $30^m$  [23,  $21^h$   $30^m$ ]. Surigao (NE de Mindanao). Temblor oscilatorio de intensidad II–III.
- 24,  $9^h$   $02^m$   $38^s$  \* [24,  $19^h$   $02^m$   $38^s$ ]. Cabo Bojeador (NW de Luzón). Temblor de tierra de intensidad III, duración 5 segundos. Originado en el Mar de la China.
- 24, 11<sup>h</sup> 23<sup>m</sup> [24, 19<sup>h</sup> 23<sup>m</sup>]. Dapitan (NW de Mindanao). Temblor oscilatorio de intensidad II-III.
- 24,  $18^h$   $30^m$  [25,  $2^h$   $30^m$ ]. Isla de Cuyo. Temblor oscilatorio, dirección E-W, intensidad III-IV, duración 8 segundos.
- 25, 10<sup>h</sup> 30<sup>m</sup> [25, 19<sup>h</sup> 30<sup>m</sup>]. Yap (Carolinas Occidentales). Temblor de tierra de intensidad II-III.
- 27, 9<sup>h</sup> 54<sup>m</sup> 42<sup>s</sup> \* [27, 17<sup>h</sup> 54<sup>m</sup> 42<sup>s</sup>]. Mindanao. Temblor de tierra de intensidad I-II, registrado y sentido por algunas pocas personas en reposo, de Butúan y de Mambajao. El origen de este temblor se hallaba a más de 1,200 kilómetros de distancia de Manila hacia el S o SE de Mindanao.
- 27, 21<sup>h</sup> 35<sup>m</sup> [28, 5<sup>h</sup> 35<sup>m</sup>]. Butúan (N de Mindanao). Temblor oscilatorio dirección SW-NE, intensidad III, duración 7 segundos.
- 28, 8<sup>h</sup> 49<sup>m</sup> [28, 16<sup>h</sup> 49<sup>m</sup>]. Surigao (NE de Mindanao). Temblor de tierra de intensidad III. Registrado por el sismógrafo de Butúan, origen en el Mar Pacífico.

<sup>&</sup>lt;sup>1</sup>La intensidad de los terremotos se indica conforme a la conocida escala de Rossi-Forel. Cuanto a la hora de su ocurrencia, adoptamos la indicada por los sismógrafos de esta Observatorio siempre que los hayan registrado, distinguiéndola por medio de un asterisco (\*). En caso contrario copiamos la apuntada por los observadores que nos envían las notas. Todas las indicaciones del tiempo se refieren al tiempo medio de Greenwich (medianoche =0). Para conveniencia de los lectores de Filipinas se añade también el tiempo insular.

15919

GGT 41918 UNIV. OF MICH.

THE GOVERNMENT OF THE PHILIPPINE ISLANDS

# WEATHER BUREAU

MANILA CENTRAL OBSERVATORY

# BULLETIN FOR MARCH, 1918

PREPARED UNDER THE DIRECTION OF
REV. JOSÉ ALGUÉ, S. J.
DIRECTOR OF THE WEATHER BUREAU

MANILA BUREAU OF PRINTING 1918

| [2012년] 12일 대학회 [2012년] 22일 12일  |                     |   |  |                                    |  |
|--|---------------------|---|--|------------------------------------|--|
|  |                     |   |  | 그림 경기 시간 사람이 있다.<br>그리지 아이를 보고 있다. |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     | 도 마시 그림 그런 경험에 가고싶다.<br>어디 (1875년 1877년 - 1884년 - 1884년 - 1884년 - 1884년 - 1884년 - 1884년 - 1884년 - 1884년 - 1884년 - |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
| [[[다. 그리고 사람들은 이 물리하고 있다.  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
| 시에 보다를 되었습니다. 그런 그는 기술을 받는<br>   |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
| [[ - 1일 : 1일 : 10] [ 10] [ 10] [ 10] [ 10] [ 10] [ 10] [ 10] [ 10] [ 10] [ 10] [ 10] [ 10] [ 10] [ 10] [ 10] [ |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
| [14명시골로 취임을 전 속도 [15] [2]  |                     |   |  |                                    |  |
|  | 일일이 살아보다 하는 것이다.    |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
| [일본] [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [   |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
| [[일본 기타 기타 기타 기타 기타 기타 기타 기타 기타 기타 기타 기타 기타  | [[] 기사이드립다고 하는 경기 및 |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |
|  |                     |   |  |                                    |  |

# METEOROLOGICAL BULLETIN FOR MARCH, 1918.

By Rev. José Coronas, S. J., Chief, Meteorological Division of the Weather Bureau.

#### GENERAL WEATHER NOTES.

Pressure and temperature.—The mean atmospheric pressure for this month in the Philippines is higher than that of the preceding year, although in most of our stations it is slightly below the March's normal. The highest pressures were generally observed on the 3d, while the lowest were observed on the 24th or on the 8th to 9th.

The mean monthly temperature was somewhat lower than both the normal of this month and the monthly mean for March, 1917. The highest and lowest temperatures of the month in Manila were  $34.8^{\circ}$  C. on the 26th, and  $17.5^{\circ}$  C. on the 4th. The extreme monthly temperatures for Baguio were  $25.9^{\circ}$  C.,  $11.7^{\circ}$  C. on the top of Mirador, and  $25.7^{\circ}$  C.,  $10.4^{\circ}$  C. in the valley.

PRESSURE AND TEMPERATURE AT THE FIRST AND SECOND CLASS STATIONS FOR MARCH, 1918.

|  |  |   | · I  | Pressure  | •  |  |   |  |  | Te   | mperat   | ure.   |  |  |
|--|--|---|--|---|--|--|---|--|--|--|--|--|--|--|
| Station.   | Mean.  | Departure from March, 1917.   | Depar-<br>ture<br>from<br>normal.                | High-<br>est<br>mean.   | Day.   | Lowest<br>mean.  | Day.  | Mean.  | Departure from March, 1917.                        | Departure from normal.   | High-<br>est.  | Day.   | Low-<br>est.   | Day.   |
| Zamboanga Tagbilaran Surigao Cebu Iloilo Iloilo Capiz Calbayog Legaspi Atimonan Ambulong, Tanauan Paracale Manila San Isidro Dagupan Baguioa Vigan Tuguegarao Laoag Laoag Aparri | mm. 759. 22 59. 32 59. 47 59. 55 59. 67 60. 01 59. 89 60. 41 59. 93 60. 90 60. 40 60. 63 59. 75 637. 39 759. 97 61. 34 60. 06 61. 72 | mm.<br>+1.22<br>+.54<br>+.77<br>+.85<br>+1.09<br>+.69<br>+.77<br>+.69<br>+1.10<br>+1.08<br>+1.88<br>+1.08<br>+1.88<br>+1.08<br>+1.4<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5<br>+3.5 | mm.  -0.16 -18 -16 +.0458192727212121303636 +.41 | mm. 760. 88 61. 60 61. 73 62. 23 62. 07 62. 84 62. 26 63. 52 64. 37 63. 69 64. 56 62. 88 639. 65 762. 95 65. 88 63. 21 66. 46 | 3<br>3<br>18<br>3<br>18<br>3<br>18<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3 | mm.<br>758. 19<br>58. 16<br>58. 05<br>58. 15<br>58. 25<br>57. 70<br>58. 22<br>57. 80<br>57. 71<br>58. 89<br>58. 02<br>58. 72<br>58. 40<br>58. 41<br>57. 42<br>635. 89<br>757. 71<br>57. 68 | 24<br>24<br>8<br>8<br>9<br>9<br>9<br>24<br>24<br>24<br>24<br>24<br>24<br>24<br>24<br>24 | °C. 25. 3 25. 1 26. 2 25. 9 25. 4 25. 9 24. 7 25. 4 24. 8 25. 2 26. 3 17 26. 2 24. 6 24. 8 25. 3 26. 3 | °C1.08 -1.3 -18 -1.2 -1.19 -1.4 -1.2 -1.38 -1.2886 | -1.0<br>8<br>6<br>8<br>9<br>7<br>8<br>-1.1<br>-1.6<br>-1.4<br>-1.3<br>8<br>8<br>8<br>9 | °C. 31. 7 32. 2 31. 3 31 32. 7 32. 4 32. 4 32. 4 32. 4 32. 8 31. 1 34. 9 34. 8 36. 1 25. 9 34. 6 37. 5 | 23<br>22<br>13, 15<br>26<br>26<br>28, 31<br>25, 26<br>26<br>26<br>26<br>26<br>26<br>26<br>26<br>26<br>26<br>27<br>27<br>27<br>27<br>27<br>27<br>27<br>27<br>27<br>27<br>27<br>27<br>27 | °C.<br>20. 2 20. 5<br>20. 9<br>22 21. 3<br>21. 2 21. 3<br>18. 8<br>18. 7<br>19. 6<br>18. 6<br>17. 5<br>17. 5<br>19. 5<br>19. 5<br>19. 5<br>19. 5<br>19. 5<br>19. 5<br>19. 5<br>19. 5 | 15<br>19, 21<br>2, 28<br>18<br>21<br>20<br>19<br>20<br>20<br>21<br>22<br>4<br>3, 88<br>2, 18, 24<br>4<br>166<br>8<br>7 |

a The barometric readings of this station are not reduced to sea level.

Rainfall.—With a few exceptions the total rainfall for this month has been greater than the March's normal, and in most of the stations greater also than that of the preceding year, the differences being very remarkable in northeastern Mindanao and the eastern Visayas. The attention of our readers is called particularly to the monthly rainfall of Surigao, Borongan, Tacloban, Guiuan and Maasin as shown in the following table:

RAINFALL AT VARIOUS STATIONS OF THE WEATHER BUREAU DURING THE MONTH OF MARCH, 1918.

| Station.   | Total.   | Departure from<br>Mar., 1917.   | Departure from normal.                            | Days of rain.   | Departure from<br>Mar., 1917.   | Greatest rainfall<br>in a single day.  | Day.  | Station.   | Total.   | Departure from<br>Mar., 1917. | Departure from normal.   | Days of rain.   | Departure from<br>Mar., 1917.                    | Greatestrainfall<br>in a single day.   | Day.   |
|--|--|---|---|---|---|--|---|--|--|-------------------------------|--|---|--|--|--|
| Jolo Isabela, Basilan Zamboanga Davao Cotabato Cagayan, Misamis Dapitan Butuan Mambajao Dumaguete Yap, Western Carolines Tagbilaran Iwahig Surigao Maasin Cebu Iloilo San Jose Buenavista Cuyo Ormoc Guiuan Tacloban Capiz Borongan Catbalogan Calbayog Masbate Romblon Batag Sorsogon Legaspi | 164. 2<br>226. 8<br>313. 9<br>103. 8<br>104. 4<br>83. 9<br>92. 4<br>680<br>495. 4<br>106. 9<br>30. 7<br>46. 5<br>77. 3<br>561. 5<br>61. 3<br>242. 4<br>429. 3<br>127. 9<br>47. 5<br>317. 9 | + 47.3<br>+ 13.8<br>+ 4.4<br>+ 4.5<br>+ 47.6<br>- + 55.1<br>+ 269.1<br>+ 66.4<br>- 68.7<br>- + 48.1<br>+ 439.4<br>+ 398.7<br>+ 16.9<br>+ 41.2<br>+ 18.1<br>+ 155.3<br>+ 19.8<br>+ 50.3<br>+ 99.5<br>+ 76.9<br>- 9.3<br>+ 213.2<br>- 281.8 | + 47.9<br>+ 4.3<br>+ 51.4<br>+ 86.3<br>+ 59.9<br> | 177<br>  144<br>  122<br>  155<br>  199<br>  200<br>  111<br>  122<br>  100<br>  223<br>  120<br>  230<br>  244<br>  240<br>  241<br>  251<br>   + 7<br>+ 4 4<br>+ 1<br>+ 6<br>- 2<br>+ 3<br>+ 10<br>+ 4<br>+ 2<br>- 5<br>+ 2<br>+ 3<br>+ 4<br>+ 4<br>+ 1<br>- 2<br>+ 3<br>- 5<br>- 1<br>- 1<br>- 2<br>+ 3<br>- 1<br>- 1<br>- 1<br>- 1<br>- 1<br>- 1<br>- 1<br>- 1<br>- 1<br>- 1 | 26. 9<br>26. 9<br>14. 2<br>41. 7<br>74. 2<br>78. 7<br>24. 6<br>41. 4<br>35. 6<br>161. 9<br>187. 9<br>17<br>7. 8<br>21. 6<br>20. 3<br>66. 5<br>123. 2<br>96. 1<br>16. 8<br>49<br>14. 5<br>66. 5 | 54<br>24<br>27<br>31<br>26<br>3<br>2<br>28<br>27<br>29<br>27<br>2<br>2<br>2<br>3<br>3<br>2<br>2<br>3<br>3<br>1<br>1<br>1<br>7<br>2<br>9<br>2<br>7<br>2<br>2<br>3<br>3<br>3<br>2<br>2<br>2<br>7<br>7<br>2<br>2<br>3<br>3<br>3<br>3<br>2<br>2<br>3<br>3<br>3<br>3 | Sumay, Guam Calapan Virac Naga Batangas Lucena Atimonan Atimonan Ambulong, Tanauan Canlubang, Calamba Paracale Santa Cruz, Laguna Manila Antipolo Iba San Isidro Tarlac Baler Dagupan Bolinao Baguio San Fernando, Union Echagüe Candon Vigan Tuguegarao Laoag Aparri Cape Bojeador Santo Domingo, Batanes | 200<br>61. 1<br>10. 4<br>28. 5<br>130<br>11. 5<br>40. 9<br>181. 4<br>25. 3<br>27. 8<br>13. 1<br>283. 4<br>51. 5<br>56. 4<br>51. 5<br>56. 4<br>2<br>160. 3<br>0<br>0<br>40. 9 |                               | $ \begin{array}{c} +47.1 \\ +3.1 \end{array} $ $ \begin{array}{c} +34.4 \\ -44.4 \end{array} $ $ \begin{array}{c} +35.1 \\ -55.7 \\ -10.1 \\ +82. \\ +23.5 \\ +38.9 \\ +7.7 \\ -6.6 \\ -10.8 \\ -15.5 \\ -6.15.8 \end{array} $ | 13<br>15<br>15<br>3<br>7<br>16<br>4<br>9<br>20<br>9<br>3<br>3<br>4<br>3<br>5<br>5<br>7<br>7<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10 | - 5 - 11 - 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | mm. 15. 2 55. 1 65. 8 35. 8 7. 1 1 56. 4 7. 3 24. 1 1 25. 9 43. 2 28. 5 4. 8 91. 9 27. 4 4 20. 8 18. 6 9 0 53. 8 18. 8 0 14. 5 0 44. 6 | 8 9 13 8 10 10 10 13 10 11 27 11 30 13 14 26 0 10 13 0 |

#### DEPRESSIONS AND TYPHOONS.

There was only one small depression in the Philippines during this month, the track of which will be included in one of our bulletins for the next coming months. It appeared at 6 a. m. of the 8th to the north of Surigao and east of the southern part of Leyte; it moved NNW along the eastern coast of Leyte and the western coast of Samar, and then it recurved NE on the 9th near the eastern coast of southeastern Luzon and Catanduanes.

Of the depressions observed outside of the Philippines, we may mention two formed on the Eastern Sea on the 14th and 29th, respectively. Both moved ENE or NE and passed near or across the southeastern coast of Japan. That of the 14th developed into a quite important depression on the 16th and 17th.

#### NOTAS GENERALES DEL TIEMPO.

Presión y temperatura.—La presión atmosférica media de este mes en Filipinas es mayor que la del año pasado, aunque en la mayor parte de nuestras estaciones es ligeramente menor que la normal de marzo. Las presiones más altas del mes se observaron generalmente al día 3, al paso que las más bajas tuvieron lugar los días 24 u 8 y 9.

La temperatura media mensual fué algo menor que la normal de este mes y que la media mensual de marzo de 1917. Las temperaturas máxima y mínima del mes en Manila fueron  $34.8^{\circ}$  C. y  $17.5^{\circ}$  C. registradas los días 26 y 4, respectivamente. Las temperaturas extremas del mes en Baguio fueron  $25.9^{\circ}$  C.,  $11.7^{\circ}$  C. en la cumbre del Mirador, y  $25.7^{\circ}$  C.,  $10.4^{\circ}$  C. en el valle.

Precipitación acuosa.—Con pocas excepciones, la lluvia total de este mes ha sido mayor que la normal de marzo, y en la mayor parte de nuestras estaciones mayor también que la del año pasado, siendo muy notables las diferencias en el NE de Mindanao y en las Visayas orientales. Se llama particularmente la atención de nuestros lectores a la lluvia recogida durante el mes en Surigao, Borongan, Tacloban, Guiuan y Maasin, según aparece en el cuadro de lluvias que va en el texto inglés.

#### DEPRESIONES Y TIFONES.

Durante el mes no hubo más que una pequeña depresión en Filipinas, cuya trayectoria se incluirá en uno de nuestros boletines de los meses siguientes. Dicha depresión apareció a las 6 a. m. del día 8 al N de Surigao y E de la parte meridional de Leyte; se movió al NNW a lo largo de la costa oriental de Leyte y costa occidental de Sámar, y luego recurvó al NE el día 9 cerca de la costa oriental del SE de Luzón y Catanduanes.

Sobre las depresiones observadas fuera de Filipinas, podemos hacer mención de dos que se formaron en el Mar del Este los días 14 y 29, respectivamente. Ambas se movieron al ENE o NE y pasaron cerca o a través de la costa SE de Japón. La del día 14 llegó a desarrollarse como una verdadera depresión de importancia los días 16 y 17.

#### BULLETIN FOR MARCH, 1918.

#### METEOROLOGICAL DATA FOR MANILA CENTRAL OBSERVATORY.

[ $\phi$ =14° 34′ 41″ N;  $\lambda$ =120° 58′ 33″ E; barometer above sea, 14.2 meters; gravity correction not applied, -1.72 mm.]

|                          |   | Air t  | empera  | ture.b   |   | Und  | ergrou   | nd tem  | erature  | •  |  |   | Rac  | liation.                                    | Evapo   | ration.  |
|--------------------------|---|--|---|--|---|--|--|---|--|--|--|---|--|---|---|--|
| Day.                     | Pressure (mean).  | Mean.  | Maxi-<br>mum.   |  |   | neter.<br>2p.m.  |  | meter.  |  | 2.50<br>meters.<br>8 a. m.   | Relative humid ity (mean   | pres  | Mini<br>mum<br>n) on   | in sun.<br>Black<br>bulb in                 | Free exposure (total)   | Shelte<br>(total)  |
| 1                        | mm. 761. 41 62. 66 63. 63 62. 81 62. 07 61. 91 61. 47 60. 20 55. 96 59. 15 59. 80 60. 82 59. 57 60. 68 61. 54 62. 01 61. 50 60. 32 59. 59 71 59. 60 58. 82 59. 59 71 59. 80 | °C. 24. 4 24. 6 24. 1 24 24. 9 24. 4 24. 1 25. 2 25. 6 25. 2 24. 5 24. 7 24. 7 24. 4 26. 2 27 27. 2 26. 8 26. 4 26. 4 26. 4 26   | °C. 31.6 31.8 30.6 33.4 31 39.4 30 30.7 29.7 30.9 30.9 31.1 31.6 31.6 31.2 32.3 33.8 33.8 33.8 33.8 33.1                          | °C.<br>17.8<br>19.7<br>18.5<br>19.3<br>19.7<br>121.6<br>21.2<br>20.2<br>21.2<br>22.2<br>21.6<br>19.5<br>18.8<br>19.9<br>18.8<br>18.8<br>21.5<br>18.8<br>21.5<br>18.8<br>21.5<br>18.8<br>21.5<br>18.8 | °C. 25. 3 25. 1 25. 25. 25. 25. 25. 25. 25. 25. 25. 25.             | °C. 8 27.3 26.7 26.7 26.7 26.7 26.7 26.9 26.8 28.3 28.1 28.2 28.5 29.5 5 29.1 29.4 | °C. 326.5 26.6 4 26.5 26.4 26.3 26.6 6 26.7 26.8 27.5 27.5 27.6 27.5 27.6 27.5 27.6 27.8 28.3 28.3 28.1 4  | 26. 5<br>26. 8<br>26. 8<br>26. 7<br>26. 6<br>26. 7<br>26. 6<br>26. 7<br>27. 2<br>27. 2<br>27. 7<br>27. 7<br>27. 7<br>27. 8<br>27. 8 | °C. 26.8 27.1 27 26.9 27.1 27.1 27.26.9 26.9 26.9 27.1 27.3 27.3 27.2 27.3 27.4 27.5 27.4 27.4 27.5  | °C. 27. 1 27. 1 27. 1 27. 1 27. 1 27. 1 27. 1 27. 2 27. 2 27. 2 27. 2 27. 2 27. 2 27. 1 27. 2 27. 1 27. 2 27. 1 27. 2 27. 1 27. 2 27. 1 27. 2 27. 1 27. 2 27. 1 27. 2 27. 1 27. 2 27. 1 27. 2 27. 1                                      | Per ct 76.8 3 71.4 68.3 71.4 8 74.8 80.8 84.1 84.2 77.9 81.2 27.4 76.1 75.1 73.4 74.7 70.2 68.1 73.4 74.7 70.2 68.6 68.6 68.6 68.6 | 17. 15. 16. 16. 16. 16. 19. 19. 18. 19. 19. 16. 16. 16. 16. 16. 17. 16. 16. 16. 17. 19. 19. 19. 19. 17. 17. 17. 17. | 1 14.8<br>16.9<br>16.9<br>16.1<br>16.4<br>16.2<br>16.2<br>17.2<br>19.4<br>19.9<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8<br>10.8 | vacuo.  *********************************** | mm. 4.49 5.22 4.5 6.23 4.1 3.6 3.3.4 7.5 4.8 2.2 5.5 2.2 5.6 2.8 5.6 6.6 6.8 9.5 6.9 5.6 9.5 6.9  | mm 2.72 3.8 2.9 4.18 2.71 2.253 2.8 2.26 2.8 2.8 2.8 2.8 2.8 3.6 3.6 3.6 3.6 4.4 4.9 4.4 4.9 4.4 4.9 |
| 30                       | 59. 74<br>60. 15<br>760. 40   | 27<br>25. 2  | 33. 6   | 22.5   | 27. 7<br>26. 2  | 29.6   | 28.4   | 28.4  | 27.5   | 27. 2<br>27. 1<br>27. 1  | 70<br>66.8<br>74   | 17.<br>17.  | 2 19.2   | 51.8<br>51.2<br>* 53.2                      | 6.6<br>6.7<br>5.2<br>160.3  | 3.5<br>108.9   |
| Departure from<br>normal | -0.11   | -1.4   | -0.8  | -1.3   |   |  |  |   |  |  | +2.3   | -0.   | 7  |   |   |  |
|                          |   |  | Wind  |  |   |  |  | (   | Clouds.  |  |  |   | D-:- 2   | 41  |   | <del></del>  |
| Day.                     | Prevail<br>directi  | ing  | Total<br>move-<br>ment.   | Maxi-<br>mum<br>hour-<br>ly<br>veloc-<br>ity.  | Direct at the of t maximum velocity                                 | time<br>he<br>num  | Amount (mean).   | For   |  | irection.  | - 6  | Sun-<br>shine.  | Rain, 2<br>begin<br>6 a.<br>On the<br>tower.   | ning<br>m.                                  | Miscella  | ineous.  |
| 1                        | W qui<br>ENI<br>E E Qui<br>E NE, E E qui<br>E NII) W qui<br>E qui<br>W W W W<br>NE Qui<br>WSV<br>N Q qui<br>E SE, S<br>E SE E SE<br>ESE, S<br>ESE, S<br>ESE ESE             | NE  ad.  ad.  ad.  ad.  ad.  bell  ad.  color  colo | Km 153. 5 219 173 169 150 131 136 101. 5 122. 5 141 119 107 195 227 193 239 218. 5 220 237 220 237 220 223 220. 5 215. 5 5 215. 5 | Km. 16 25 17 16. 5 18 16 19 12 15 17 12 14. 5 13 22. 5 21 13. 5 20 19 20 5 20 19 20 21. 5 22   | Wby ENN ENN ENN ENN WS NN WS SI SI SI SI SI SI SI SI SI SI SI SI SI | NE SEVEEWWWE, VS SECTOREEEVE NE  | 5.8<br>4.5.4<br>5.7.2<br>6 7 8 8 8.1<br>6.6<br>7.3.3<br>2.1.1<br>1.7.2<br>1.8.8<br>1.5.1<br>1.7.3<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3.1<br>1.3. | ACu.<br>Ci.<br>Ci.<br>Ci. V<br>CiS. V<br>ACu.   | SSE CONTROL OF CONTROL | Cu. El Cu. El Cu. El Cu. SCu. E CuN. E CuN. E Cu. Su. N Cu. El Cu. Su. E Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. | NE by E E E by E E NE by E E   | 9 30<br>9 25<br>8 45<br>9 20<br>9 20<br>9 40<br>8 30<br>4 20<br>5 10<br>5 55  | 0.6 25.9   | 0.9 c d d d d d d d d d d d d d d d d d d   | 2. ≡° a. 10° p. 10° a. | <sup>2</sup> p.<br>p.<br>a. p.   |
| 262728293031             | SE<br>ESE,<br>ESE   | SE   | 228<br>185  | 24<br>19   | SI<br>ES  |  | 4. 2<br>5. 2   | CiS., A<br>ACu.   |  | Cu.<br>Cu.   | E<br>E   | 9 05<br>7 25  |  |   |   |  |
| 27                       | SE<br>ESE, :<br>ESE   | SE -   | 228   | 19 18.4  |   | E  | 4.7  | ACu.  | E  |  | E _  | 7 25<br>6 50  |  |   |   |  |

All the mean values given in this table are deduced from hourly observations.

These values are taken from instruments mounted in the Observatory Park, 1.5 meters above ground.

# METEOROLOGICAL BULLETIN.

# METEOROLOGICAL DATA FOR MIRADOR OBSERVATORY, BAGUIO.

[ $\phi$ =16° 25' N;  $\lambda$ =120° 36' E; barometer above sea, 1,512.5 meters; gravity correction not applied, -1.65 mm.]

|               |  | I  | Air ter  |  |   | Airador<br>untain)   | (on the   | Air ten<br>(r   | nperatur<br>lear the   | re in th<br>city ha   | e valley<br>11).  |   |   | Radia   | ation.   | Evapo   | ration.  |
|---------------|--|--|--|--|---|--|---|---|--|---|---|---|---|---|--|---|--|
| Day.          | Pres<br>sure<br>(mear  | ь  | Mean.  | Maxi-<br>mum.  | Hour.   | Mini-<br>mum.  | Hour.   | Maxi-<br>mum.   | Hour.  | Mini-<br>mum.   | Hour.   | Rela-<br>tive<br>humid-<br>ity<br>(mean).                                     | Vapor<br>pres-<br>sure<br>(mean).   | Mini-<br>mum on<br>grass.   | Maxi-<br>mum<br>in sun.<br>Black<br>bulb<br>in va-<br>cuo. c   | Free<br>ex-<br>posure<br>(total)  | Shel-<br>ter<br>(total)  |
| 1             | 36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>37. 8<br>38. 3<br>37. 8<br>36. 8<br>36. 8<br>36. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8 | 12   12   158   15 | °C. 9<br>16. 9<br>16. 25<br>16. 6<br>16. 8<br>17. 6<br>17. 6<br>17. 1<br>16. 7<br>15. 8<br>15. 5<br>15. 8<br>15. 6<br>16. 8<br>17. 4<br>17. 8<br>18. 1<br>17. 4<br>18. 7<br>17. 1<br>18. 7<br>17. 8<br>18. 1<br>17. 1<br>18. 1<br>17. 1<br>18. 2<br>18. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1 | °C. 23.8 22.8 22.8 23.9 23.8 24.5 24.5 22.1 22.4 5 22.1 21.7 21.8 21.3 22.6 23.9 24.9 24.3 24.5 25.9 25.9 25.9 25.9 25.9 23.8 23.5 24.9 24.8 23.5 23.8 23.5 24.9 24.8  | 10. 35a 10. 20a 11. 25a 11. 25a 11. 25a 11. 25a 11. 00a 11. 00a 11. 00a 11. 00a 12. 05p 10. 05a 1. 05p 0. 40p 11. 00a 0. 20p 2. 00p 11. 00a 2. 25p 11. 00a 2. 00p 10. 25a 11. 05p 2. 00p 11. 00a 11. 05p 11. 00a 12. 00p 11. 00a 11. 05p 11. 00a 11. 05p 11. 00a 11. 05p 11. 00a  | 12. 2<br>11. 9<br>11. 7<br>12. 4<br>12. 8<br>12. 8<br>12. 12. 8<br>13. 7<br>13. 7<br>13. 7<br>12. 12. 6<br>13. 7<br>12. 12. 9<br>12. 12. 9<br>12. 12. 9<br>13. 13. 13. 12. 9<br>14. 14. 4<br>15. 13. 14. 4<br>16. 14. 4<br>17. 14. 4<br>18. 14. 8<br>18. 14. 8   | 4. 25a<br>5. 00a<br>5. 00a<br>6. 20a<br>6. 00a<br>6. 00a            | 24. 4<br>24. 4<br>25. 24. 6<br>24. 5<br>24. 5<br>24. 3<br>21. 6<br>22. 21. 2<br>21. 2<br>21. 2<br>22. 21. 2<br>23. 9<br>25. 1<br>25. 2<br>25. 2<br>26. 2<br>27. 2<br>28. 3<br>29. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. | 10. 25a. 1. 00p. 0. 15p. Noon Noon 10. 35a. 11. 55a. 10. 20a. 0. 05p. 1. 35p. 10. 40a. 3. 50p. 10. 40a. 1. 00p. 1. 00p. 1. 00p. 1. 05p. 11. 40a. 2. 00p. 11. 35a. 2. 45p. 11. 25p. 0. 45p. 0. 45p. 11. 35a. 2. 40p. 11. 35a. 1. 35p. 11. 55a. Noon 1. 35p. 1. 45p. | 10. 6<br>12. 9<br>13. 2<br>12. 5<br>11. 7<br>12. 4<br>13. 1<br>11<br>11. 8<br>12. 4<br>12. 10. 9<br>11. 5<br>10. 9<br>12. 9<br>12. 9<br>13. 4<br>13. 4<br>13. 4<br>13. 4<br>12. 13. 4 | 6. 00a. 5. 50a. 6. 20a. 6. 35a. 4. 30a. 4. 10a. 4. 10a. 4. 10a. 5. 00a. 5. 05a. 6. 50a. 6. 50a. 6. 20a. 10. 05p. 5. 00a. 11. 40a. 6. 00a. 6. 35a. 5. 40a. 6. 00a. 6. 00a. 6. 35a. 6. 10a. 6. 00a. 6. 35a. 6. 00a. 6. 00a. 6. 25a. 3. 30a. 6. 00a. 6. 25a. 6. 00a. 6. 25a. 6. 00a. 6. 25a. 6. 00a. 6. 25a. 6. 00a. 6. 25a. 6. 00a. 6. 20a. 6. 00a. 6. 10a. | 84.2<br>84<br>75<br>76.8<br>77.3<br>81.3<br>79.8<br>85.3                      | mm. 11. 6 10. 2 10. 4 11. 1 11. 6 9. 3 12. 2 11. 7 12. 1 11. 9 11. 2 11. 7 11. 3 12. 2 11. 6 11. 2 11. 6 11. 2 11. 7 11. 8 11. 2 11. 6 11. 2 12. 6 11. 2 12. 12. 9 11. 6 12. 12. 12 12. 12. 12 13. 14 14. 15 15 16. 15 17 18. 15 18. 16 19. 17 19. 18. 18 19. 19. 19. 19. 19. 19. 19. 19. 19. 19. | °C. 11. 6 9.7 10.3 10 10.5 9.3 12.5 11.8 11.6 11.6 11.6 11.5 11.2 10.2 11.2 11.2 12.2 12.3 12.3 12.2 12.2 | °C.<br>55. 1<br>59. 8<br>54. 8<br>57. 1<br>55. 3<br>55<br>59. 9<br>59. 9<br>59. 9<br>57. 2<br>56. 7<br>57. 2<br>55. 6<br>57. 2<br>55. 8<br>61<br>57. 4<br>58. 8<br>57. 1<br>58. 8<br>57. 1<br>58. 8<br>57. 1<br>58. 8<br>57. 1<br>58. 8<br>57. 1<br>58. 8<br>57. 1<br>58. 8<br>59. 8<br>59. 9<br>59. 8<br>59.  mm. 3.9 5.8 5.2 2.7 7.9 9.1 3.4 2.5 1.4 1.5 2.3 2.5 3.5 3.5 3.1 4.3 3.4 4.3 3.4 4.3 3.4 4.3 3.4 4.3 3.4 4.3 3.4 4.3 3.4 4.3 3.4 4.3 3.4 4.3 3.4 4.3 3.4 4.3 | 1.8<br>2.5<br>2.8<br>2.16<br>4.4<br>4.4<br>4.3<br>1.9<br>1.6<br>8.8<br>1.2<br>2.7<br>7<br>2.7<br>2.7<br>2.7<br>2.7<br>2.7<br>2.7<br>2.7<br>2.7 |
|               | 1  |  |  |  |   |  |   |   | _'   |   |   |   | -   |   | -  | -   | -  |
| Mean          | 637.   | 39   | 17   | 23.5   |   | _ 13   |   | 23.9  | <u> </u>   | 12. 1   |   | 81.1  | 11.5  | 11.3  | 56.9   | 3.8   | 2  |
| Mean<br>Total | 637.   | 39   | 17   | 23.5   |   | _ 13   |   | 23.9  |  | 12. 1   |   | 81.1  | 11.5  | 11.3  | 56.9   | 3.8   | 61.9   |
|               | 637.   | 39   | 17   |  | Wind.   | 13   |   | 23.9  |  | 12, 1   |   | 81. 1   | 11.5  | 11.3  | 56.9   | ¦   |  |
|               |  |  |  | To   | tal m   | axi- Di  | rection   |   | Fo   | Clouds  | direction   |   | Sun-  | Rain,   | 24<br>3<br>- Mi  | ¦   | 61. 9  |
| Total         |  | Pre  | 17<br>vailing  | To   | tal ho  | axi- Di<br>um at<br>our- at  |   | Amount (mean).  | Fo   | Clouds  | directio  |   | -   | Rain,   | 24<br>3<br>- Mi  | 116. 3  | 61. 9  |
| Total         |  | Preedire  E NH E Va SE E E E E E E E E E E E E E E E E E E   | quad. E<br>E E E E E E E E E E E E E E E E E E   | To more men and the mor | tal we- nt. ve- nt. ve- i  n. K 66. 2 2 224. 1 2 2 244. 1 2 2 257. 3 3 38.4 2 2 2 31. 5 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 2 31. 5 2 31. 5 2 2 31. 5 2 2 31. 5 2 31. | maxi-<br>bium at the property of | the time of the symmetry.  E E E E E E E W SE E E E W W W W W W W W | tunomy (usem) 0-10.6 4.2.4 7 1.1 4 . 6 3 3.7 7 5 5 9 6 6 8 . 3 3 5 5 6 6 8 . 3 3 5 5 6 6 8 . 3 3 5 5 6 6 8 . 3 3 5 5 6 6 8 . 3 3 5 5 6 6 8 . 3 6 5 1 4 . 6 1 1. 2 6 3 6 5 1 4 . 6 1 1. 2 6 3 6 5 1 4 . 6 1 1 1 2 6 3 6 5 1 6 6 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | Upp<br>Ci.<br>Ci.<br>Ci.<br>Ci.<br>Ci.<br>Ci.<br>Ci.   | Clouds orm and er.  SSE WbyW  | S. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu   | ENE, E ENE, E ESE ENEW WSW ENE N, SSW SQUad. SE, SW 1N. W WNW W ESE SSE SWBys | Sun-shine.  h. m 5 54 7 33 8 11 5 44 9 22 6 5 0 0 4 0 3 44 2 2 2 2 7 0 3 1 3 2 2 6 5 5 6 5 9 0 0 9 1 8 4 7 2 3 3 3 4 4 3 3 3 6 3 3  | Rain.; hours begin ning 6 a. n  | 02 = 0.0 =   | 116.3    116.3  | 61. \$2 p.  p.  p.  p.  p.  p.  p.  p.  p.  p.   |
| Day.  Day.  1 |  | Predire  E NE E N W Si SE E E E E E E E E E E E E E E E E E  | quad. E<br>E E E E E E E E E E E E E E E E E E   | To more men and the mor | m. k66. 2 2 2 2 2 4 1 2 2 57. 3 3 3 1. 5 2 3 39. 4 2 2 10. 6 2 2 14. 7 2 2 10. 6 2 2 14. 7 2 2 10. 6 2 2 14. 7 2 2 10. 6 2 2 14. 7 2 2 10. 6 2 2 14. 7 2 2 10. 6 2 2 30. 9 3 6 4. 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3   | axi-<br>um<br>uur-<br>ilooc-<br>ty. ma<br>ve<br>ma. 3.5<br>9.3<br>9.3<br>9.3<br>9.3<br>9.3<br>9.3<br>9.3<br>9.3<br>9.3<br>9.3  | EEEEEWWWEEWWWWSWWWSWWWSWWSWWSWWSWWSWWSWW                            | tunomy (usem) 0-10.6 4.2.17 1.1.4 . 6.3 3.7 5.5.6 6.8 3.3 6.5 1 4.6.1 1.2 6.3 4.4.1 1.2 6.3 4.4.1 1.2 6.3 6.5 1 4.6.1 1.2 6.3 6.5 1   | Uppp  Ci. Ci. Ci. Ci. Ci. Ci. Ci. Ci. Ci. Ci.  | Clouds orm and er.  SSE WbyW  | Low  S. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu  | ENE, E ENE, E ESE ENEW WSW ENE N, SSW SQUad. SE, SW 1N. W WNW W ESE SSE SWBys | Sun-shine.  h. m 5 5 55 5 44 7 33 8 14 9 22 5 00 0 4 0 0 0 3 4 1 0 0 0 3 1 1 3 2 2 6 5 5 9 0 9 1 8 4 7 3 3 7 2 3 3 3 7 2 3 3 4 4 3 3  | Rain.; hours begin ning 6 a. m  | 02 = 0.0 =   | 116.3   | 61. \$2 p.  p.  p.  p.  p.  p.  p.  p.  p.  p.   |

<sup>\*</sup>All the mean values given in this table are deduced from six daily observations taken at 2, 6, 10 a. m. and 2, 6, 10 p. m.

b The barometric readings of this station are not reduced to sea level.

c Maximum of hourly observations taken from 6 a. m. to 6 p. m.

d This element is based on hourly observations taken from a quadruple register, which gives only eight possible directions of the wind.

# BULLETIN FOR MARCH, 1918.

# DAILY RAINFALL AT THE STATIONS OF THE WEATHER BUREAU, MARCH, 1918.

| Station.  olo sabela, Basilan sasilan Plantation, Isabela (Basilan) a   | 9.7<br>4.8<br>4.2<br>41.7<br>7.4         |                                  | 14                                    | 4.<br>mm.<br>0.5<br>3.6<br>5.8<br>12.7 | 5.  mm. 50 1.5   | 6. mm. 3.8 1.3 | 7.<br>mm.<br>4.6 | 8.<br>mm.      | 9.                | 10.             | 11.          | 12.                | 13.                | 14.  | 15.  | 16  |
|---|--|----------------------------------|---------------------------------------|--|------------------|----------------|------------------|----------------|-------------------|-----------------|--------------|--------------------|--------------------|------|------|-----|
| sabela, Basilan sasilan Plantation, Isabela (Basilan) * asilan) * avao otabato agayan, Misamis apitan mpayon, Butuan, Agusan * utuan lambajao umaguete ap, Western Carolines agbilaran wahig urigao laasin ebu oilo an Jose Buenavista uyo uvena, Iloilo * rmoe uiuan | 9.7<br>4.8<br>4.2<br>41.7<br>12.7<br>7.4 | 8.4<br>1.8<br>2.8<br>29.5<br>9.1 | 2.8<br>5.1<br>10.7<br>11.9<br>14.2    | 0.5<br>3.6<br>5.8<br>12.7              | 50<br>1.5<br>1.8 | 3.8            |                  | mm.            | mm.               | mm.             | 222.200      |                    |                    |      |      |     |
| sabela, Basilan sasilan Plantation, Isabela (Basilan) * asilan) * avao otabato agayan, Misamis apitan mpayon, Butuan, Agusan * utuan lambajao umaguete ap, Western Carolines agbilaran wahig urigao laasin ebu oilo an Jose Buenavista uyo uvena, Iloilo * rmoe uiuan | 9.7<br>4.8<br>4.2<br>41.7<br>7.4         | 8.4<br>1.8<br>2.8<br>29.5<br>9.1 | 5. 1<br>10. 7<br>11. 9<br>14. 2<br>14 | 3. 6<br>5. 8<br>12. 7                  | 1.5              |                |                  | 1 1            | 1                 |                 |              | mm.                |                    | mm.  |      |     |
| amboanga )avao  | 9.7<br>4.8<br>4.2<br>41.7<br>12.7<br>7.4 | 1.8<br>2.8<br>29.5<br>9.1        | 10. 7<br>11. 9<br>14. 2<br>14         | 5.8<br>12.7                            |                  | 1.0            | 10.4             | 3.3            | 5.8               | 8.4             |              |                    |                    |      |      |     |
| avao otabato agayan, Misamis apitan mpayon, Butuan, Agusana uutuan lambajao umaguete ap, Western Carolines agbilaran wahig uurigao laasin ebu oilo an Jose Buenavista uyo uucena, Iloiloa rmoc uuiuan   | 9.7<br>4.8<br>4.2<br>41.7<br>12.7<br>7.4 | 1.8<br>2.8<br>29.5<br>9.1        | 10. 7<br>11. 9<br>14. 2<br>14         | 12.7                                   | 9.1              | .3             | 17.8             |                | 7 1               | 17.3            |              |                    |                    |      |      |     |
| agayan, Misamis  Japitan  Japitan  Japitan  Jambajao  Jambajao  Japitan  Japitan  Japitan  Japitan  Japitan  Japitan  Japitan  Japitan  Jasin  Jasin  Jasin  Jasin  Jase Buenavista  Juyo  Juyo  Juena, Iloiloa  Jambaja  | 4.2<br>41.7<br>12.7<br>7.4<br>7.6        | 2.8<br>29.5<br>9.1               | 14.2<br>14                            |  | 3.1              |                | 2.5              |                | 1.1               |                 |              |                    |                    | 5.6  |      |     |
| apitan mpayon, Butuan, Agusana utuan lambajao umaguete ap, Western Carolines agbilaran wahig urigao laasin ebu oilo an Jose Buenavista uyo urena, Iloiloa rmoc uiuan  | 41.7<br>12.7<br>7.4<br>7.6               | 2.8<br>29.5<br>9.1               | 14                                    |  |                  | 6.1            | 14.2             |                |                   |                 |              | 3.8                |                    |      |      |     |
| mpayon, Butuan, Agusana utuan lambajao umaguete ap, Western Carolines agbilaran wahig urigao laasin ebu oilo an Jose Buenavista uyo ucena, Iloiloa rmoe uiuan   | 12.7<br>7.4<br>7.6<br>.3                 | 29. 5<br>9. 1                    |                                       |  |                  |                | 10.7<br>4.4      | 6.4            | 1.3               | 9.1             |              |                    |                    |      |      |     |
| utuan Iambajao umaguete ap, Western Carolines agbilaran wahig urigao laasin ebu oilo an Jose Buenavista uyo ucena, Iloilo armoe   | 7.4                                      | 9.1                              | 65.5                                  | 4.8                                    | .5               | 4.6            | 27.7             | 3.6            | 3.8<br>16.3       | 1.8<br>5.1      | 4.1          |                    |                    |      |      |     |
| umaguete  'ap, Western Carolines  agbilaran  wahig  urigao  [aasin  ebu  oilo  an Jose Buenavista  uyo  ucena, Iloilo  rmoe  uiuan  | 7.6                                      | 78 7                             | 74.2                                  |  |                  | 2.3            | 12. 2            | 5.6            | 7.9               | 6.4             |              |                    |                    |      |      |     |
| ap, Western Carolines agbilaran wahig urigao laasin ebu oilo an Jose Buenavista uyo uroea, Iloilo uroea   | . 3                                      |                                  | 72.7                                  |  | 19.8             |                | 25.4             |                | 6.1               |                 |              | 3.8                |                    |      |      |     |
| agbilaran wahig urigao laasin ebu oilo an Jose Buenavista uyo ucena, Iloilo* rmoe   | 18.3                                     | 1.3                              | 9.7                                   | 2.5                                    |                  | 1 9            |                  | 9.4            |                   |                 | 18           | 1.3                |                    |      |      |     |
| wahig urigao laasin ebu oilo an Jose Buenavista uyo ucena, Iloilo <sup>a</sup> rmoe   |  | 1.5                              | 5.1                                   | 2.5                                    | 2.8              | 1.3            | 8.9              | 3.8<br>1.8     |                   | .5              | 17.3         |                    |                    | . 3  | 0.5  | 8.  |
| faasin<br>ebu<br>oilo<br>an Jose Buenavista<br>uyo<br>ucena, Iloilo <sup>a</sup><br>rmoe  |  | 1                                |                                       |  |                  |                |                  | 14.7           |                   | 13.8            | 1.3          |                    | 5.3                |      |      | 1   |
| ebu oilo an Jose Buenavista uyo ucena, Iloilo rmoe  | 5, 4                                     | 161. 9                           | 82                                    | 23.4                                   | 52.8             | 55             | 87.3             | 4.6            | .3                | .3              | 10.7         |                    |                    |      |      |     |
| ollo san Jose Buenavista suyo suyo sucena, Iloilo a rrmoc sujuan  | 12.4                                     | 187.9                            | 69. 1<br>17                           | 14. 7<br>4. 6                          | 16<br>12. 7      | 2. 5           | 97. 5<br>8. 2    | 30.5           |                   |                 |              |                    |                    |      |      |     |
| uyo<br>ucena, Iloiloª<br>rmoc<br>uiuan  | _  | 7.8                              | 4.3                                   | 1.8                                    | 2.3              | 6.3            | 4.1              | 1.0            |                   |                 |              |                    |                    |      |      |     |
| ucena, Iloilo a<br>rmoc<br>uiuan  |  | 3.3                              | 2                                     | 1.1                                    |                  |                | 1.3              | . 5            | 15.7              |                 |              |                    | 21.6               | .3   |      |     |
| rmoc<br>uiuan   |  | 10.9                             | 6.1                                   | 6.4                                    | 1.3              |                |                  | 14.5           |                   | $\frac{1}{8.9}$ | 20.3         |                    |                    |      | 1.8  |     |
| uiuan   | 66.5                                     | 8.1                              | 10.4                                  | 15                                     | 24.4             | 4.8            | 39.9             | 21.1           | 17.8              | 10.7            | 38.9         |                    |                    | 8.9  |      |     |
|   | 20.3                                     | 71.7                             | 42.4                                  | 3.8                                    | 14.7             | 20.1           | 123.2            | 14.7           |                   |                 |              | 4.6                | 1.8                | 2.5  | .8   | 10. |
| ueñas, Iloilo aitaogan, Iloilo (Railroad Iloilo to  |  | 2.3                              | 7.6                                   | .8                                     |                  | 2.5            | 7.9              | 6.9            | 78.7              |                 |              |                    |                    | 31.5 | 6.1  | 1   |
| Capiz) a  |  |                                  | 2                                     | 21.8                                   | 9.7              | 10.7           | 20.5             | 5, 3           | 2.8               | 45.2            | 2            |                    |                    | 179  |      | 1   |
| apus, Iloilo (Railroad Iloilo to  |  |                                  | -                                     | 21.0                                   | 3.1              | 10.1           | 20.0             | 9. 0           | 4.0               | 10.4            | ۷            |                    |                    | 47.2 |      |     |
| Capiz) a  |  | 10.7                             | 3.8                                   | 2.8                                    | 4.3              | 6.1            | 2.8              | .8             |                   |                 |              |                    |                    |      |      |     |
| aclobanumarao, Capiza   | 7.2                                      | 25.6                             | 29.3<br>7.6                           | 30.5                                   | 32<br>15.2       | 6.4<br>7.6     | 76               | 66.1           | 50.6              |                 |              |                    | 4.3                |      |      |     |
| ao, Capiza  | 1.3                                      | 2.5<br>5.1                       | 8.1                                   | 7.6<br>.8                              | 6.6              | 6.1            | $10.2 \\ 11.7$   | 11. 4<br>13. 2 | 7. 6<br>9. 9      |                 | 5. 6         |                    | 1.3                | 10.2 |      |     |
| apiza   | 3.1                                      | 1.9                              | 16                                    | 1.3                                    | 10.7             | 3.1            | 3.1              | 3.9            | 1                 | 2               | 2.8          | .6                 | 10                 |      | 1.5  |     |
| orongan   | 11.9                                     | 75                               | 25.7                                  | 52.8                                   | 37.8             | 24.6           | 56.3             | 27.9           | 6.6               | 5.4             | 16.3         | 12.9               | 24.6               | 1.3  |      | 1.  |
| atbalogan   | 2  | 9.1                              | 15.2                                  | 4.5                                    | 57.2             | 12             | 28.2             | 67             | 1.3               |                 | 13           | 7.4                | 7.1                |      |      |     |
| albayog<br>asbate   | 1 3                                      | 2.8                              | 22.9<br>3.6                           |  | 66.5<br>49       | 6.4            |                  | 216.8<br>34.8  | 4.5               | . 5<br>5. 1     | 2.8          | .8                 |                    |      |      |     |
| an loso Estato Tamaraw Plant  | 1 1                                      |                                  |                                       |  |                  | 0.4            | 10               | 34.0           | 4                 | <i>5</i> . 1    |              |                    | .3                 |      | 4.1  |     |
| ation, Mindoroa   |  |                                  |                                       |  |                  |                |                  | 6.1            | 23.9              | 5.8             |              |                    |                    |      |      |     |
| an Jose, Mindoro  |  |                                  |                                       |  |                  |                |                  |                | 15.4              | 16. 2           | .1           |                    |                    |      |      |     |
| an Miguel State, San Miguel Island, Tabaco, Albayan   | 3.8                                      |                                  | 5                                     |  | 11 4             | 1              | .8               | 33.3           | 2                 | 5.8             | 11.2         | 7.1                | 16.8               |      | .8   |     |
| omblon  | 1  |                                  | .3                                    |  | 6.1              | 1.3            | 1.3              | 5.1            | .3                | 0.0             | 11.2         |                    | 10. 6              |      |      |     |
| atag  | 2.5                                      | 5.8                              |                                       | 14.5                                   | 18               | 34.8           | 51.8             | 66.5           | 13. 2             | 2.8             | 13.2         |                    | 10.7               |      | 3.8  |     |
| orsogon   | 22.1                                     | 3.8                              | 1                                     |  | 36.1             |                | 46.7             | 87.4           | 16.3              |                 |              |                    |                    |      |      | 7.  |
| egaspi•<br>umay, Guam   | 2.5                                      |                                  | 4.6                                   | 8 4                                    | 10.4             | 7.9<br>2.8     | 9. 6<br>3. 3     | 49.6           | 1.3               | 12              | $7.6 \\ 2.5$ |                    | 15. 2              |      |      | 4.  |
| alapan  | 4.1                                      | 4.3                              |                                       | .3                                     | .8               | 2.3            | 3                | 2.8            | 4.6               | .8              |              | . 8                |                    |      |      |     |
| irac  | - 8                                      |                                  | '                                     |  | 10.7             | . 5            | .8               | 43.4           | 65.8              | 2               | 4.5          | 10.4               | 31                 | 6.9  |      | 7.  |
| aga atangas   |  | 1.8                              | 1.5                                   |  | 5.1              | .3             | 2.3              | 25.8<br>1.3    | $\frac{2.5}{7.1}$ | 1.8             | .5           | 1.1                | .5                 | 1.5  |      |     |
| ucena   |  |                                  |                                       |  |                  |                |                  | 4.1            | 4.1               | .8              | 2.5          | 1.5                | 8.1                |      |      |     |
| timonan   | .5                                       | 1.5                              |                                       |  | 1.5              | 4              | . 5              | 56.4           | 17. 9             | 10.4            | 2.5          |                    |                    |      |      | 5.  |
| mbulong, Tanahan .  |  |                                  |                                       |  |                  |                |                  | 1.1            | .8                | 7.3             |              |                    |                    |      |      |     |
| anlubang, Calamba<br>aracale  | . 3                                      | , Đ                              |                                       | 1 9                                    | 0 1              | 9 0            |                  | 40.1           | 2.8               | 24. 1<br>3. 6   | 15 5         | 1.3                | $\frac{1.5}{22.2}$ |      | 6.9  |     |
| anta Cruz. Laguna   | 1.1                                      | 4. 5                             | 2.3                                   | 1.5                                    | 1.3              | 4.0            | 2.3              | 40.1           | 27.9<br>5.1       | 3.0             |              | .3                 |                    | 1 8  | 0. 9 |     |
| aracale<br>anta Cruz, Laguna<br>ort Mills, Corregidor ac  |  |                                  |                                       |  |                  |                |                  |                | !                 | 8.9             | .8           |                    |                    |      |      |     |
| anila   |  |                                  |                                       |  |                  |                |                  |                | .6                | 25.9            |              |                    |                    |      |      |     |
| ntipoloosoboso, Rizala  |  |                                  |                                       |  |                  |                |                  |                |                   |                 |              |                    |                    |      | .3   |     |
| osoposo, Kizaia<br>ontalban, Rizala   |  |                                  |                                       |  |                  |                |                  |                |                   |                 |              |                    | 3                  |      | .8   | 3.  |
| acienda Pintong Sapang, Santa   | 1  |                                  |                                       |  |                  |                |                  |                |                   | 1               |              |                    |                    |      |      |     |
| Maria, Bulacana   | .3                                       | .8                               |                                       |  |                  |                |                  |                |                   | 9.1             |              |                    | 3.5                |      |      |     |
| abayuan Dam, Olongapo, Zam-<br>bales a  | į į                                      |                                  |                                       |  |                  |                |                  | 1              | į                 |                 | 6.4          | 34 2               |                    | - 1  |      | 9   |
| 0a  |  |                                  |                                       |  |                  |                |                  |                |                   | 9.9             | 11.2         |                    | 43.2               |      |      |     |
| an Isidro   | .i'                                      |                                  |                                       |  |                  |                |                  |                | '                 | 28.5            | 1.5          |                    |                    | 13.7 |      | 1.  |
| acienda Luisita, San Miguel,<br>Tarlaca   |  |                                  |                                       | 1                                      | -                |                |                  | -              |                   | 38.6            | 17.5         |                    |                    | 1.5  |      |     |
| Tarlac aacienda Luisita, Luisita, Tarlac a  |  |                                  |                                       |  |                  |                |                  |                |                   | 36.6            |              |                    |                    | 4.1  |      |     |
| arlac   | 1  |                                  |                                       |  |                  |                |                  |                |                   | 1               | 4.8          |                    | . 5                |      |      | 1.  |
| aler  |  |                                  |                                       | 4.8                                    |                  |                |                  | . 1            | 19                | 12.2            | 5.3          | 2                  | 38.1               | .3   | 10.7 | 23. |
| aniqui, Tarlaca   |  | ·-                               |                                       |  |                  |                |                  | 1              | 3                 | 105.4           | 4.6          | .3                 |                    |      | .5   | 1   |
| uños Agricultural School, Nueva<br>Ecija a  | l  |                                  |                                       |  |                  |                |                  |                |                   |                 | 13           |                    |                    |      |      |     |
| agupan  |  |                                  |                                       |  |                  |                |                  |                |                   |                 |              |                    | 2.5                |      |      |     |
| anto Tomas Mt., Mountain Prov-<br>incea   | 1  |                                  |                                       | i                                      | i i              | 1              |                  |                |                   |                 |              |                    |                    |      |      |     |
| incea<br>olinao   |  |                                  |                                       |  |                  |                |                  |                |                   | 101.6           |              |                    | 2.8<br>19.8        |      | .8   |     |
| aguio   | 1  |                                  |                                       |  |                  |                |                  |                |                   |                 |              | 1.5                |                    | 5.8  |      |     |
| an Fernando, Union  |  |                                  |                                       |  |                  |                |                  |                |                   |                 |              |                    |                    | 2    |      |     |
| chagüe  |  |                                  |                                       |  | .3               |                |                  | ;              | 3.3               | 3.8             | 22.9         | 5.1                | 29.5               | 5.4  |      | 1.  |
| agada, Mountain Provinceaontoc, Mountain Provincea  |  |                                  |                                       |  |                  |                |                  |                | .5                | 19.8            |              | $\frac{1.3}{11.2}$ | 6. 4<br>19. 3      |      |      |     |
| andon   |  |                                  |                                       |  |                  |                | !                | !              |                   |                 |              |                    |                    | !    |      |     |
| illavieja, Pilar, Abraa   |  |                                  |                                       |  |                  |                |                  |                |                   | . 3             |              |                    |                    |      |      |     |
| igan  |  |                                  |                                       |  |                  |                |                  |                |                   | 53.8            |              | 19                 |                    |      |      |     |
| uguegaraoa<br>Paz, Abraa  |  |                                  |                                       |  |                  |                |                  |                |                   |                 | 8.1          |                    |                    |      |      |     |
| aoag  | 1  |                                  |                                       |  |                  |                |                  |                |                   |                 |              |                    |                    |      |      |     |
| parri<br>ape Bojeador   | 2.6                                      | 2.3                              |                                       | .8                                     | !                |                |                  |                | 3.3               | 2.5             | 4.6          | 2.7                | 14.5               | 1.1  | 4.2  | .:  |
| ape Bojeadoranto Domingo, Batanes   | -74-5-                                   |                                  |                                       | !                                      |                  |                | - 1              | 1              |                   | i               | - 1          | - 1                | . 1                | 1    |      | I   |

a Voluntary or cooperative station.

<sup>&</sup>lt;sup>b</sup> Rain in 24 hours beginning 8 a.m. <sup>c</sup> Rain in 24 hours beginning 7 a.m.

#### METEOROLOGICAL BULLETIN.

#### Daily rainfall at the stations of the Weather Bureau, March, 1918—Continued.

| Station.  |                    |     |     |     |         |   |      | Day                                  | of mo      | nth.               |                    |                |                 |                    |                       |                      |
|---|--------------------|-----|-----|-----|---------|---|------|--------------------------------------|------------|--------------------|--------------------|----------------|-----------------|--------------------|-----------------------|----------------------|
| station.  | 17.                | 18. | 19. | 20. | 21.     | 22.                                     | 23.  | 24.                                  | 25.        | 26.                | 27.                | 28.            | 29.             | 30.                | 31.                   | То                   |
| Jolo<br>Isabela, Basilan<br>Basilan Plantation, Isabela (Ba-                          | mm.                |     |     | 5.8 | 3   8.€ | 6 7.1                                   | 16.3 | 10.2                                 | i          | 5.6                |                    | 0.5            |                 | mm.                | mm.                   | 14<br>9              |
| silan) aZamboanga   |                    |     |     |     |         |   |      | 33.5                                 |            | 9.6                |                    | .3             |                 | 2.3<br>1.3         | 3.6                   | 11<br>7              |
| Davao<br>Cotabato<br>Cagayan, Misamis   |                    | 3.3 |     | -   | 1.8     | 4. 1<br>7. 6                            |      | 15. 2                                | 5.1        | 5.3<br>26.9<br>1.5 | 14. 2<br>5. 6      |                |                 | 16.5<br>8.1        | 26. 2<br>10. 9        | 150<br>120<br>5      |
| Dapitan<br>Ampayon, Butuan, Agusana   |                    |     |     | -   | 14      | 37.4                                    | -    | $\begin{bmatrix} 1\\3 \end{bmatrix}$ | 1<br>6. 4  | 17.8<br>8.4        | 1.3<br>15.5        | 10.2<br>1.3    | 6.4             | 4.6                | 3.3                   | 164<br>219           |
| Butuan<br>Mambajao  | 8.6                |     | .3  | -   |         |   | .8   | 24, 2                                | 3.6        | 6. 1               | 5<br>24. 4<br>8. 1 | 14. 5<br>24. 6 | 4.1             | 19.5               | 2.5                   | 313<br>103           |
| Yap, Western Carolines<br>Tagbilaran<br>Iwahig  | 26                 |     | .   |     | -       |   |      |                                      | 2.5        |                    | . 8                | 5. 1<br>2. 8   | 3<br>41. 4<br>1 | 3                  | 4.8<br>10.2           | 104<br>83            |
| Surigao<br>Maasin   | 9.4<br>17.3        | 9.1 |     |     | -       | 18.3                                    |      |                                      |            | 11.9               | 35. 6<br>71. 7     | 21. 6<br>31. 7 | 11.8            |                    | 18<br>3.3             | 680<br>498           |
| Cebu<br>Iloilo<br>San Jose Buenavista   |                    |     |     |     | -       | .5                                      |      |                                      |            | 2                  | 3.5<br>2.1<br>.5   | 13. 5          |                 | . 5                |                       | 106<br>30<br>46      |
| Cuyo<br>Lucena, Iloiloª   | .                  |     |     | 8.9 |         |   |      |                                      | -          |                    |                    | . 5            |                 |                    |                       | 24<br>65             |
| Ormoc<br>Guiuan<br>Dueñas, Iloiloa  | 11.9               |     |     |     | - 1     | 12. 2<br>47. 3                          | 2.8  |                                      |            | 7. 1<br>9. 4       | 4.3<br>4.9         | 1              | 19              | 3.8                | 3.6                   | 289<br>436<br>153    |
| Bitaogan, Iloilo (Railroad Iloilo<br>to Capiz) a<br>Lapus, Iloilo (Railroad Iloilo to |                    |     |     |     | -       |   | -    | -                                    |            |                    | 1.3                |                |                 |                    |                       | 168                  |
| Capiz) a  | 11.7               | 2   | 1   |     |         | 96.1                                    | 16.5 | 10                                   | 11.2       | 1.5                | 2. 3<br>28. 7      | 1.5            |                 | 1<br>8. 1          | 4.6                   | 37<br>561            |
| Dumarao, Capiza<br>Dao, Capiza<br>Capiz   | 4.1<br>2.3         |     |     |     | -       | $\begin{bmatrix} 2\\ 9.7 \end{bmatrix}$ |      | 2                                    |            | .5                 | 5. 3<br>1. 3       |                |                 | 87.4               | 3.8                   | 100<br>190<br>77     |
| Borongan<br>Catbalogan<br>Calbayog  | 8.9                |     |     |     | -       | . 1                                     |      | 7.9                                  |            | 24.6               | 7.3                |                | 7. 9<br>. 3     | 3.6<br>3.1<br>9.1  | 9. 1<br>4. 3          | 516<br>242           |
| Masbate   |                    |     |     |     | -       |   | -    | 4.0                                  |            |                    |                    |                |                 | 9.1                | 2.5                   | 429<br>127           |
| Plantation, Mindoroa<br>San Jose, Mindoroa<br>San Miguel State, San Miguel            |                    |     |     |     | 1       | -                                       | 1    | İ                                    | ĺ          | -                  |                    |                |                 |                    |                       | 35<br>31             |
| Island, Tabaco, Albayab<br>Romblon<br>Batag   | 1. 5<br>1<br>36. 1 |     |     |     | -1      |   | .    |                                      |            |                    |                    | 7.6            | 3.8             | 5. 1<br>3. 3       | 7. 6<br>9. 7          | 123<br>47            |
| Sorsogon<br>Legaspi   | 12.2               |     |     |     | -       | -                                       |      |                                      |            |                    |                    | 5. 1           |                 | 2.3<br>50.8<br>8.9 | 12. 1<br>22. 9        | 317.<br>405.<br>207. |
| Sumay, Guam<br>Calapan<br>Virac   |                    |     |     | ì   | 1       |   | 1    |                                      | [          | ļ                  | 1                  |                |                 | 8. 9               | 1.3<br>.5<br>6.3      | 76.<br>83<br>200     |
| Naga<br>Ratangas  |                    |     |     |     | -       | -                                       |      |                                      | 2.8        |                    |                    |                |                 |                    | 1.3                   | 61.<br>10.           |
| Lucena<br>Atimonan<br>Ambulong, Tanauan   |                    |     | I   |     |         |   |      |                                      | 1          |                    | !                  | 7.6            |                 | 6. 1               | 7. 4<br>11. 9<br>2. 3 | 28.<br>130<br>11.    |
| Canlubang, Calamba<br>Paracale<br>Santa Cruz, Laguna                                  | 8.6                |     |     |     |         |   |      |                                      | 2          |                    | 2                  |                |                 | 10.9               | 6.1                   | 40.<br>181.          |
| fort Mills, Corregidor ac   |                    |     |     |     |         |   |      |                                      |            |                    |                    |                |                 |                    | 7. 1                  | 25.<br>9.<br>27.     |
| Antipolo<br>Bosoboso, Rizala<br>Montalban, Rizala                                     |                    |     |     |     |         |   |      |                                      |            |                    |                    |                |                 |                    | 2.3                   | 13.<br>23.           |
| Hacienda Pintong Sapang, Santa<br>Maria, Bulacana                                     |                    |     | 1   |     |         |   |      |                                      |            |                    |                    |                |                 |                    |                       | 16.<br>13.           |
| Aabayuan Dam, Olongapo, Zambalesa<br>balesa<br>ba                                     |                    |     |     |     |         |   |      |                                      |            |                    |                    | <b></b>        |                 |                    |                       | 43.                  |
| an Isidro   |                    |     |     |     |         |   |      |                                      |            | 25. 9              |                    |                |                 |                    |                       | 64.<br>70.           |
| Tarlaca   |                    |     |     |     |         |   |      |                                      | 4.3<br>3.6 |                    |                    |                |                 |                    |                       | 61.<br>57.           |
| arlac<br>Baler<br>Paniqui, Tarlaca  | 13. 5              |     |     |     |         | 32                                      |      |                                      | 1          |                    | 91. 9              | 9. 2           |                 |                    | 15                    | 9.<br><b>2</b> 83.   |
| Iuños Agricultural School,<br>Nueva Ecijaa  |                    |     |     |     |         |   |      |                                      |            |                    |                    |                |                 | <br>               |                       | 115.<br>13           |
| agupan<br>anto Tomas Mt., Mountain<br>Provincea                                       |                    |     |     | .5  | ĺ       |   |      |                                      |            |                    |                    |                |                 |                    | 2.3                   | 51.<br>108           |
| olinao<br>aguio<br>an Fernando, Union   | 3.6                |     |     |     |         |   |      |                                      |            |                    | 14.2               |                |                 |                    | 1.3                   | 56.<br>54.           |
| chagüe  |                    |     |     |     |         |   |      |                                      |            | 61.5               |                    | 1.3            |                 |                    | 13                    | 2<br>134.<br>63.     |
| ontoc, Mountain Province aandon lilavieja, Pilar, Abra a                              |                    |     |     |     |         |   |      |                                      |            |                    |                    | -              | 16.8            | 1.5                | 6.9                   | 71.<br>0<br>8.       |
| igan<br>uguegarao<br>a Paz, Abraª   |                    |     |     |     |         |   |      |                                      |            |                    |                    | 7.1            |                 |                    |                       | 53.3<br>47           |
| aoag  |                    |     |     |     |         |   |      | !                                    | 1          |                    |                    | 1.5            |                 | -                  | 1.3                   | 54.1<br>0<br>40.1    |
| parri<br>ape Bojeador<br>anto Domingo, Batanes  | 1                  | i   | į   |     |         |   |      |                                      |            |                    |                    |                |                 | 2                  | 1                     | 108.                 |

<sup>&</sup>lt;sup>a</sup> Voluntary or coöperative station.

<sup>&</sup>lt;sup>b</sup> Rain in 24 hours beginning 8 a.m.

Rain in 24 hours beginning 7 a.m.

#### MAXIMUM AND MINIMUM TEMPERATURES AT THE STATIONS OF THE WEATHER BUREAU, MARCH, 1918.

| _                | Jo  | olo.ª   |   | bel <b>a,</b><br>ilan.  | Zamb   | oanga.  | Da  | vao.   | Cota   | bato.  | Caga<br>Miss   | ayan,<br>amis.   | Dap  | itan.  | But   | uan.  |
|------------------|---|---|---|---|--|---|---|--|--|--|--|--|--|--|---|---|
| Day.             | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  |  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   |   |
| 1                | .28. 2<br>27. 9<br>27. 8<br>29. 2<br>27. 8<br>29. 2<br>27. 8<br>29. 1<br>29. 1<br>29. 4<br>28. 8<br>29. 3<br>29. 6<br>28. 9<br>29. 2<br>28. 8<br>29. 7<br>29. 2<br>28. 8<br>29. 7<br>29. 2<br>28. 8<br>29. 2<br>29. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 20. 20. 20. 20. 20. 20. 20. 20. 20. | °C. 22.3 22.1 22.8 20.6 19.5 20.6 21.1 20.7 22 21.5 23.1 21.3 21.3 21.3 22.2 21.5 23.6 23.3                       | °C. 31. 1 33. 1 32. 6 32. 1 31. 9 32. 6 32. 1 31. 9 30. 3 30. 1 31. 6 33. 6 33. 1 31. 6 32. 1 31. 6 32. 1 31. 6 32. 2 32. 3 | °C. 21. 6 22. 1 22. 6 22. 1 22. 1 22. 1 22. 1 22. 1 22. 1 22. 6 22. 3 21. 6 22. 3 21. 6 22. 1 21. 1 21. 7 20. 6 21. 1 22. 1 21. 7 20. 6 21. 1 22. 1 21. 7 20. 6 21. 1 22. 1 21. 6 22. 1 22. 6 22. 1 22. 6 22. 1 22. 6 22. 1 22. 6 22. 1 22. 6 22. 1 22. 6 22. 1 22. 6 22. 1 | °C. 28.5 31.4 29.5 31.3 30.8 28.5 28 30 28.7 28.8 31.2 29.6 29.4 31.3 30.4 28.5 27 29.7 30.4 29.5 31.7 29.7 29.7 29.7 29.7 29.7 29.7 29.7 29 | °C. 23 21. 7 22. 5 23 22 21 23. 1 22. 7 22. 5 22 20. 2  | °C. 32.7 31.5 32.5 30.5 29 29.1 30.7 30.4 32.2 32.5 32.2 32.6 32.8 33.7 32.2 32.5 32.5 32.7 29.6 32.9 32.9 32.9 32.9 32.7 32.8 30.5 32.7 32.8 | °C. 20. 1 19. 9 20. 5 21 21. 9 21. 8 20. 6 20. 5 21 21 20. 8 21. 5 21. 6 21. 8 20. 5 21. 1 21. 8 20. 5 21. 1 21. 8 20. 5 21. 1 21. 8 20. 5 21. 1 21. 5 21. 5 21. 5 21. 5 21. 5 21. 5 21. 5 21. 5 21. 5 21. 5 21. 5 21. 5 21. 5 | *C. 31.629.530.831.530.130 31.830.130 31.830.632.531.431.932.6630.333.533.5333.5333.5333.5333.5333.5                           | °C. 22 21. 8 22. 1 21. 5 22. 2 23. 1 21. 8 22. 2 23. 1 21. 8 22. 3 22. 9 22. 4 23. 6 22. 5 21. 5 22. 4 21. 9 22. 9 22. 4 21. 5 22. 5 21. 5 22. 4 21. 5 22. 5 21. 5 22. 4 21. 5 22. 5 21. 5 22. 4 21. 5 22. 5 21. 5 22. 4 21. 5 21. 5 22. 6 22. 6 22. 5 21. 5 22. 6 22. 6 22. 5 21. 5 22. 6 22. 6 22. 6 22. 5 21. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 6 22. 5 22. 6 22. 5 22. 5 22. 6 22. 5 22. 5 22. 5 22. 5 22. 5 22. 6 22. 5 22. 5 22. 5 22. 5 22. 5 22. 5 22. 5 22. 5 22. 6 22. 5 | °C. 26.8 28.2 27.2 28.9 28.8 30.5 29.6 30.4 30.2 31.3 30.2 30.7 30.5 30.5 30.8 31.2 30.7 30.8 31.2 30.7      | °C. 22.5 22.7 22.7 22.4 21.8 22.2 21.6 22.4 21.3 20.9 21.4 22.2 21.1 21.1 20.2 22.4 21.2 21.6 21.2 21.6 21.2 21.6 21.2 21.6 21.2 21.6 21.2 21.1  | °C. 32.4 28.9 27.3 31.5 29.7 31.5 29.6 30.6 31.3 29.5 31.4 33.1 33.1 33.1 33.1 31.3 31.4 31.3 31.3         | °C. 21, 1, 21, 5 22, 4 21, 9 23 22, 4 21, 8 21, 8 21, 8 20, 8 20, 7 20, 8 20, 7 20, 8 20, 7 20, 8 20, 7 24 24, 4 22, 1 22, 9 23, 5 24, 9 23, 5 24, 9 23, 5 24, 9 23, 5   | °C. 29 26.4 28.1 29.2 32.6 31.6 32.6 31.6 33.1 31.9 32.8 33.1 31.6 32.3 31.6 32.3 32.6 31.6 32.3 32.6 32.6 32.3                 | °C. 22. 5. 22. 6. 22. 4. 22. 4. 22. 9. 22. 22. 1. 20. 7. 22. 3. 20. 7. 22. 3. 21. 9. 22. 7. 22. 4. 22. 4. 21. 8. 22. 22. 9. 22. 22. 1. 21. 20. 9. 22. 7. 21. 4. 20. 9. 22. 7. 21. 4. 21. 8. 22. 22. 3. 21. 9. 22. 7. 22. 4. 21. 8. 22. 22. 4. 21. 22. 3. 21. 22. 22. 4. 21. 22. 23. 22. 22. 4. 21. 22. 23. 23. 24. 24. 24. 24. 24. 24. 24. 24. 24. 24 |
| 30<br>31<br>Mean | 30. 2<br>28. 4<br>28. 8   | 20.7<br>22.3<br>21.7  | 34. 1<br>32. 1<br>31. 8   | 21. 1<br>22. 6<br>21. 9   | 30. 4<br>28<br>29. 6   | 22.3<br>22.9<br>22.3  | 30. 2<br>30. 6<br>31. 6   | $-\frac{21.8}{21.7} \\ -\frac{21.2}{}$   | 33. 5<br>32. 5<br>31. 4  | 22<br>21.6<br>22.2   | 31. 1<br>31. 6<br>30. 1  | 21. 3<br>22. 3<br>21. 6  | 30.4 31.3 31   | 23. 9<br>24. 4<br>22. 5  | 29.9<br>31.8  | 21. 4<br>22. 4<br>22  |
| Dow              | Mam   | bajao.  | Duma  | guete.  | Yap, W<br>Caro   | estern<br>lines.  | Tagbi   | laran.   | Iwa  | hig.   | Sur  | igao.  | Mas  | asin.  | Се  | bu.   |
| Day.             | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   |   |
| 1                | 28. 4<br>25. 2<br>28. 2<br>26. 7<br>28. 6<br>25. 8<br>30<br>31. 6<br>30. 4<br>31. 2<br>29. 3<br>30. 5<br>31. 5<br>29. 1<br>28. 5<br>29. 2   | 22. 8 23. 7 22. 2 23. 7 22. 2 23. 6 22. 9 23. 9 22. 2 23. 4 21. 9 20. 5 23. 2 23. 2 24. 5 24. 3 24. 5 24. 5 22. 6 | *C. 30.2 28.6 27.7 29.6 27.9 28.1 30.1 30.8 29.4 29.3 30.1 30.2 29.7 28.9 29.4 29.4 30.2 29.7 30.1 30.2 29.7 30.1           | °C. 23. 2 22. 1 23. 5 22. 7 23. 2 23 24 21. 4 21. 5 22. 3 23. 4 21. 2 23. 3 23. 4 23. 5 22. 8 23. 9 24. 6 22. 6   | *C. 33. 2 33. 6 33. 2 33. 6 33. 2 33. 7 33. 2 34. 1 32. 8 34. 7 35. 2 34. 7 35. 3 34. 7 35. 3 34. 7 35. 3 34. 7 35. 3 34. 7 35. 3 34. 7      | °C. 23.6 24.7 24.5 23.6 24.5 24.5 23.3 22.5 24.6 24.5 22.3 23.3 24.5 24.6 24.7 24.4 2 24.7 24.4 2 24.7 24.8 24.8 2 24.7 2 24.8 2 24.7 2 24.8 2 24.7 2 24.8 2 24.7 2 24.8 2 24.7 2 24.8 2 24.7 2 24.8 2 24.7 2 24.8 2 24.7 2 24.8 2 24.7 2 24.8 2 24.7 2 24.8 2 24.7 2 24.8 2 24.7 2 24.8 2 24.7 2 24.8 2 24.7 2 24.8 2 24.7 2 24.8 2 24.7 2 24.8 2 2 24.8 2 2 24.8 2 2 24.8 2 2 24.8 2 2 24.8 | *C. 30.7 27.5 28.4 30.3 28.4 31.2 29.3 28.6 29.4 30.1 *29.8 30.6 31.5 30.7 30.6 29.7 30.9 32.2 31.3 31.2 31.2 31.2                            | *C. 20.8 21.3 22 21.8 22.1 22.5 22.3 22.9 21.7 21.7 21.5 22.7 21.6 21.6 21.6 21.6 21.2 20.5 21.2 21.5 22.2 22.1  | *C. 30.6 30.6 31.1 30.9 31.5 30.8 30.8 30.2 31 32.1 32.3 31.5 30.8 30.8 30.6 31.6 31.6 32.7 32.3 31.6 32.3 31.6 32.3 31.6 32.3 | *C. 18.5 19.9 19.4 19.9 19.2 20.1 19.5 21.4 19.2 18.4 18.4 19.8 19.8 19.8 20.2 20.4 20.6 20.3 21.2   | *C. 25.6 25.4 29.9 28.8 29.4 25.4 29.9 30.3 29.9 29.4 29.7 30.8 31.3 29.9 29.8 29.8 29.9 29.9 29.9 29.9 29.9 | 22. 9. 22. 8. 22. 8. 22. 8. 22. 8. 22. 8. 22. 8. 22. 9. 22. 1. 2. 23. 1. 22. 9. 22. 21. 2. 23. 5. 24. 1. 23. 4. 22. 9. 23. 5. 24. 1. 23. 4. 22. 9. 20. 20. 20. 20. 20. 20. 20. 20. 20. 20 | °C. 30.2 29.5 30.6 29.5 30.6 29.31.4 30.8 32.2 33.4 33.6 34.8 32.6 33.2 33.3 32.8 31.6 32.8 31.2 33.4 33.5 | *C. 22.1 20 21.6 22 22.3 22.5 22.2 22.1 23.8 23.1 22.1 22.2 22.1 22.2 21.2 22.1 22.2 21.2 22.1 22.2 21.2 22.1 22.2 21.2 22.1 22.2 21.2 22.1 22.2 21.2 22.1 22.2 21.2 22.1 22.2 21.2 22.1 22.2 21.2 22.1 22.2 21.2 22.2 21.2 22.2 21.2 22.2 21.2 22.2 21.2 22.2 21.2 22.2 21.2 22.2 21.2 22.2 21.2 22.2 21.2 22.2 21.2 22.2 21.2 22.2 21.2 22.2 21.2 22.2 21.2 22.2 21.2 22.2 2 | °C. 29 29, 9 29, 5 27 30 26, 8 27, 30 28, 6 28, 8 29, 2 30, 2 29, 5 30, 7 30, 8 30, 5 29, 4 29 29 30, 5 30, 9 30, 5 30, 9 30, 5 | 24. 5<br>24. 4<br>24<br>25<br>24. 9   |

<sup>&</sup>lt;sup>a</sup> The minimum temperatures of this station seem to be too low.

METEOROLOGICAL BULLETIN.

Maximum and minimum temperatures at the stations of the Weather Bureau, March, 1918—Continued.

| mmm  |      | Ile   | oilo.  |   | Jose<br>avista.  | Cu  | ıyo.   | Or   | moc.  | Gui  | uan.   | Tacl  | ob <b>a</b> n.   | Ca   | piz.  | Boro   | ngan.  |
|--|------|---|--|---|--|---|--|--|---|--|--|---|--|--|---|--|--|
| 2. 22. 22. 4 31.7 21 27. 28.8 22.9 31.2 22.8 30 22.5 27.7 24.1 31.5 22.9 30 22.5 27.7 24.8 28.8 22.8 22.5 22.4 31.7 21.2 28.8 22.9 31.2 22.8 22.9 31.2 22.8 22.9 31.2 22.8 22.9 31.2 22.8 22.9 31.2 22.8 22.9 31.2 22.8 22.9 31.2 22.8 22.9 31.2 22.8 22.9 31.2 22.8 22.9 31.2 22.8 22.9 22.9 22.9 22.9 22.9 22.9 22   | Day. |   |  |   |  |   |  |  |   |  |  |   |  |  |   |  | Mini-<br>mum   |
| Maximum   Minimum   Maximum   Minimum   Maximum     | 30, 29, 29, 29, 29, 29, 29, 29, 29, 29, 29  | 22. 6<br>22. 4<br>21. 7<br>22. 2<br>22. 7<br>22. 2<br>22. 7<br>22. 2<br>22. 2<br>23. 2<br>21. 5<br>21. 5<br>22. 4<br>22. 3<br>21. 3<br>22. 8<br>22. 5<br>22. 4<br>22. 3<br>21. 3<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8 | 31. 7<br>31. 8<br>32. 7<br>32. 6<br>30. 8<br>30. 7<br>30. 6<br>30. 7<br>30. 8<br>30. 3<br>30. 3<br>30. 3<br>30. 7<br>30. 7 | 21. 20. 5<br>22. 1<br>20. 6<br>22. 5<br>22. 1<br>20. 6<br>22. 5<br>21. 6<br>20. 9<br>20. 9<br>20. 5<br>19. 7<br>21. 1<br>20. 4<br>21. 2<br>21. 5<br>22. 1<br>21. 2<br>22. 1<br>21. 2<br>21. 1<br>21. 2<br>21. 1<br>21. 2<br>21. 5<br>21. 1<br>21. 2<br>21. 1 | 27. 7<br>27. 22<br>28. 1<br>26. 8<br>27. 5<br>27. 8<br>27. 5<br>27. 1<br>30<br>29<br>28. 4<br>30. 1<br>29. 3<br>32. 2<br>33. 2<br>28. 3<br>28. 3<br>28. 7<br>29. 7<br>31. 9<br>30. 7<br>30. 8<br>30. 7<br>30. 7 | 24. 1<br>24. 2<br>23. 9<br>22. 9<br>24. 3<br>24. 2<br>23. 9<br>23. 9<br>23. 9<br>22. 2<br>24. 4<br>24. 5<br>24. 3<br>24. 3<br>24. 9<br>23. 9<br>23. 9<br>23. 9<br>24. 6<br>24. 5 | 31. 5<br>26. 5<br>30<br>31. 2<br>30<br>32. 4<br>30. 2<br>25. 4<br>30. 1<br>30. 6<br>30. 7<br>30. 2<br>30. 3<br>30. 6<br>31. 8<br>31. 9<br>31. 2<br>31. 3<br>32. 9<br>33. 3<br>33. 3<br>34. 3<br>35. 3<br>36. 6<br>37. 3<br>38. 3<br>39. 3<br>30. 6<br>30. 9<br>31. 2<br>31. 2<br>31. 2<br>31. 2<br>31. 3<br>32. 3<br>33. 3<br>34. 3<br>35. 3<br>36. 3<br>37. 3<br>38. 3<br>39. 3<br>30. 4<br>31. 5<br>31. 22. 8<br>22. 8<br>22. 8<br>22. 2<br>23. 3<br>22. 7<br>23. 4<br>23. 2<br>20. 5<br>19. 6<br>21. 2<br>20. 5<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 8<br>22. 1<br>21. 6<br>21. 8<br>22. 1<br>21. 6<br>22. 2<br>22. 2<br>21. 8<br>22. 1<br>23. 3<br>24. 2<br>25. 3<br>26. 2<br>26. 3<br>27. 2<br>28. 3<br>28. 3<br>28. 3<br>29. 4<br>29. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6<br>21. 6 | 30<br>29<br>29, 5<br>29, 5<br>31, 1<br>28, 4<br>26, 7<br>31, 9<br>29, 8<br>30, 5<br>31, 8<br>30, 1<br>29, 3<br>30<br>30, 2<br>29, 8<br>30, 5<br>31, 8<br>30, 1<br>30, 2<br>30, 2<br>30, 3<br>30, 2<br>30, 3<br>30, 30, 30, 30, 30, 30, 30, 30, 30, 30, | 22. 8<br>23. 1<br>23. 8<br>23. 1<br>22. 4<br>23. 5<br>25. 2<br>24. 6<br>23. 5<br>22. 5<br>22. 4<br>20<br>23. 5<br>22. 5<br>22. 4<br>20<br>23. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>23. 8<br>24. 5<br>25. 5<br>26. 5<br>27. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5 | 27. 7<br>25. 8<br>30. 8<br>28. 6<br>31. 5<br>25. 6<br>30<br>30, 3<br>30. 3<br>30. 4<br>31. 6<br>31. | 22. 5<br>21. 8<br>22. 4<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 7<br>23. 1<br>23. 22. 8<br>22. 7<br>21. 8<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>23. 1<br>23. 1<br>23. 22. 8<br>22. 5<br>22. | 29. 4<br>28. 8<br>29. 4<br>29. 4<br>27. 2<br>28. 7<br>27. 5<br>29<br>29. 4<br>29. 1<br>28. 8<br>29. 8<br>30. 5<br>30. 2<br>30. 2<br>30. 2<br>30. 2<br>30. 1<br>31. 1<br>31. 1<br>31. 2<br>31. 2<br>31. 3<br>30. 8<br>31. 4 | 23. 8<br>22. 6<br>22. 8<br>23. 5<br>22. 8<br>23. 2<br>22. 8<br>23. 2<br>22. 8<br>23. 6<br>23. 7<br>23. 8<br>23. 8<br>21. 6<br>23. 9<br>21. 6<br>23. 1<br>22. 8<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 6<br>24. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6 | 28. 8<br>26. 8<br>27. 6<br>28. 9<br>29. 3<br>30. 2<br>27. 3<br>32. 6<br>29. 4<br>30. 2<br>31<br>28. 1<br>28. 1<br>29. 5<br>30. 4<br>29. 6<br>29. 8<br>30. 2<br>31<br>30. 2<br>31<br>30. 2<br>31<br>30. 2<br>31<br>30. 3<br>30. 3<br>30. 3<br>30. 5 | •C. 22.4 4 20.4 6 22.3 22.4 23 22.9 9 22.2 1 21.5 21 21.5 22 19.8 4 19.3 23 24.6 22 24.7 23 23.2 23.2 23.2 23.2 23.2 23.2 23.2 |
| Maxi-mum.   Mum.   Maxi-mum.        | Catba   | logan.   | Calb  | ayog.  | Mas   | bate.  | Rom  | blon.   | Bat  | ag.  | Sorse   | ogon.  | Leg  | aspi.   |  |  |
| 1       28.5       20.7       28       22.2       28.8       8.3.4       32.1       21.7       26.8       22.9       28.5       26.1       18.7       30       24         2       26       18.7       27       20.5       29       23.6       32       21.2       26.4       21.9       29       27.2       22.2       28.2       22.4       30.8       22.5       33.9       22.1       27.8       22.2       27.5       27.2       22.2       22.3       28.2       22.1       29.9       22.7       31       22.5       32.5       22.2       28.4       22.8       22.5       8.3       22.5       28.3       22.5       28.3       22.5       28.3       22.5       28.3       22.5       28.3       22.5       28.2       26.6       22.8       28.2       22.5       27.7       28.4       22.2       22.6       32.5       22.2       28.3       22.5       22.7       28.4       22.4       23.4       31.5       21.8       24.6       21.9       27.5       26.8       23.2       29.2       22.2       28.8       22.2       26.2       22.5       27.8       22.2       27.8       22.2       21.8       24.6   | Day. |   |  |   |  |   |  |  |   |  |  |   |  |  |   |  | Mini-<br>mum.  |
| 31   | 2    | 28. 5<br>26<br>29<br>30. 1<br>29. 1<br>28. 8<br>27<br>24. 8<br>29<br>29. 6<br>29. 7<br>29. 7<br>30<br>29. 7<br>28. 5<br>29. 7 | 20. 7<br>18. 7<br>21. 8<br>20. 8<br>21. 2<br>22. 1<br>21. 6<br>22<br>22. 8<br>22. 8<br>24<br>22<br>21. 5<br>22. 2<br>21. 5<br>20. 3<br>21<br>19. 5<br>20. 3  | 28<br>27<br>29. 6<br>30. 5<br>28. 8<br>29. 7<br>26. 2<br>25. 7<br>28. 2<br>27. 9<br>28. 1<br>29. 2<br>29. 1<br>29. 2<br>30. 5   | 22. 2<br>20. 5<br>22. 7<br>22. 7<br>22. 7<br>22. 7<br>22. 5<br>23. 4<br>21. 4<br>22. 4<br>21. 2<br>21. 8<br>22. 9<br>18. 8   | 28. 8<br>29. 8<br>30. 8<br>31<br>27<br>28. 4<br>27. 6<br>28. 4<br>27. 6<br>28. 4<br>27. 6<br>28. 8<br>30. 8<br>29. 6<br>30. 8<br>29. 6  | 23. 4<br>22. 5<br>22. 5<br>22. 8<br>22. 6<br>23. 4<br>23. 4<br>23. 4<br>22. 6<br>20. 8<br>22. 6<br>20. 8<br>22. 6<br>20. 8<br>21. 6  | 32. 1<br>32. 9<br>32. 5<br>30. 5<br>31. 5<br>29. 9<br>31. 5<br>31. 4<br>30. 9<br>32. 6<br>31. 8<br>31. 9<br>31. 8  | 21. 7<br>21. 2<br>22. 1<br>22 22. 3<br>23. 1<br>22 21. 8<br>22. 9<br>22. 8<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 3<br>23. 1<br>24. 9<br>25. 9<br>26. 9<br>27. 9<br>28. 9<br>29. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9    | 26. 8<br>26. 4<br>27. 8<br>28. 4<br>28. 3<br>27. 7<br>25. 6<br>24. 6<br>26. 2<br>30. 4<br>29. 4<br>29. 3<br>28. 8<br>27. 4<br>24. 8<br>27. 9<br>28. 4<br>28. 4<br>29. 2  | 22<br>21, 9<br>22, 2<br>22, 8<br>22, 5<br>23<br>22<br>21, 9<br>22, 5<br>22<br>22<br>22<br>21, 6<br>21, 4<br>21, 5<br>22, 2<br>21, 5<br>22, 2   | 28. 5<br>29 27. 5<br>28 28 27. 8<br>27. 8<br>27. 5<br>27. 2<br>29. 5<br>30. 2<br>31 32 29. 5<br>27. 5<br>29. 5<br>29. 5<br>29. 5  |  | 26. 1<br>27. 2<br>29. 5<br>25. 8<br>27. 7<br>28. 8<br>27. 8<br>29. 8<br>29. 8<br>29. 4<br>29. 2<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3   | 18. 7<br>23. 9<br>23. 2<br>23. 2<br>23. 2<br>23. 4<br>22. 5<br>21. 5<br>22. 6<br>21. 8<br>22. 1<br>22. 3<br>22. 4<br>22. 3<br>22. 4<br>22. 4<br>22. 4<br>22. 6  | 30<br>28. 2<br>28<br>27. 4<br>29. 2<br>29. 2<br>29. 2<br>29. 4<br>29. 6<br>28. 4<br>29. 6<br>29. 30<br>30. 2<br>30. 8<br>31  | • C. 24, 2 24 25 24, 3 8 24 24, 2 24, 6 24 22, 8 22, 6 24 4 22, 24 4 22, 24, 2 22, 6 24, 2 22, 6 6                             |

# BULLETIN FOR MARCH, 1918.

Maximum and minimum temperatures at the stations of the Weather Bureau, March, 1918—Continued.

| _    | Cala   | pan.  | Vir  | ac.   | Na  | ıga.   | Batar   | ngas. a  | Luc  | ena.  | Atim   | onan.   | Ambi<br>Tana   | ulong,<br>auan.   | Canlu<br>Cala   | ibang<br>mba.  |
|------|--|---|--|---|---|--|---|--|--|---|--|---|--|---|---|--|
| Day. | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  |   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   |  | Mini-<br>mum.   | Maxi-<br>mum.   | Min<br>mur   |
|      | °C.  | •c.   | °C.  | °C.   | °C.   | °C.  | °C.   | °C.  | °C.  | °C.   | °C.  | °C.   | °C.  | °C.   | °C.   | °c   |
|      | 29.9   | 20,6  | 27.9   | 19.5  | 29  | 19   | 32.6  | 16.8   | 28.8   | 21.1  | 26   | 23  | 32   | 20  | 30.1  | 20.2   |
|      | 30   | 21.5  | 28.6   | 19.7  | 28.5  | 19.3   | 31.9  | 20.6   | 28.5   | 20.6  | 26   | 23. 7   | 30.2   | 22  | 31.1  | 21. 1  |
|      | 30   | 20.6  | 29.9   | 20.3  | 28.4  | 19.5   | 31.8  | 20.4   | 27.3   | 22.1  | 26, 1  | 23  | 30   | 22.7  | 29.1  | 21.6   |
|      | 29   | 21  | 31.3   | 21.3  | 29.8  | 20   | 30.3  | 19.2   | 26.5   | 21.5  | 25.9   | 22.6  | 29.8   | 22  | 30.4  | 20.4   |
|      | 30   | 22  | 28.5   | 21.5  | 27.9  | 19   | 32  | 18.6   | 28   | 22.2  | 26.7   | 23.8  | 32.2   | 21.9  | 31.2  | 20.6   |
|      | 30.6   | 21.5  | 30.3   | 21.4  | 29.5  | 20.6   | 32.8  | 21.4   | 28   | 22.2  | 26.2   | 22.3  | 30.3   | 23  | 30  | 22.2   |
|      | 30   | 21.5  | 31.3   | 21  | 29.2  | 20.5   | 32.4  | 21.2   | 28.3   | 20.9  | 26.7   | 22.1  | 30.9   | 23  | 29.9  | 22.  |
|      | 27. 1  | 21. 5   | 30   | 21.3  | 29  | 20.2   | 28  | 20.4   | 27.3   | 21  | 24.6   | 22.6  | 28.2   | 23  | 29  | 21.  |
|      | 28.8   | 22.3  | 24.8   | 20.7  | 30.6  | 20.4   | 29.3  | 20.5   | 25.5   | 22  | 24.7   | 22  | 30.7   | 23  | 29  | 21.  |
|      | 30.2   | 22  | 29.2   | 20.5  | 28.6  | 20.9   | 30.2  | 20.2   | 26.5   | 21.4  | 25. 2  | 22.2  | 32.6   | 22.2  | 31  | 21   |
|      | 30.3   | <b>2</b> 2.5  | 30.1   | 21.2  | 28  | 20.8   | 30  | 21.6   | 27.8   | 22.2  | 26.7   | 22.7  | 31.4   | 21.6  | 30.2  | 20.  |
|      | 30   | 22.5  | 29.3   | 21  | 27.4  | 20.5   | 30.2  | 20.3   | 27.4   | 21.5  | 26. 2  | 22.6  | 31.5   | 20.8  | 30.6  | 21.  |
|      | 30   | 22  | 28.7   | 21.3  | 29.8  | 18.6   | 31.4  | 20.4   | 29.2   | 21.4  | 27.6   | 23  | 32.7   | 21.7  | 29.9  | 21   |
|      |  | 21.5  | 30.1   | 21.1  | 31  | 20.1   | 31. 9   | 19.8   | 29.6   | 20.6  | 28   | 22.6  | 33   | 20  | 31  | 19.  |
|      |  | 20.1  | 32<br>29   | 20  | 30.2  | 19.1   | 31.5  | 22.5   | 29.4   | 19.6  | 28.7   | 20.5  | 32.2   | 20.8  | 31.6  | 19.  |
|      | 28.5   | 22.2  |  | 20.1  | 29.5  | 19.2   | 29.7  | 21.7   | 27.5   | 21.1  | 26.4   | 22.3<br>22.5  | 30<br>31.4   | 22<br>21.8  | 30.2  | 20.  |
|      | 31<br>29   | $\frac{21.5}{23}$   | 29.5   | 20  | 29.5  | 18.3   | 33.2  | 19.7   | 27. 2<br>29. 6   | 20.7<br>20.7  | 27<br>27   | 23. 5   | 31.4   | 20.1  | 30.9  | 21.<br>21.   |
|      |  | 23  | 28.3   | 20  | 29.6  | 17.1   | 32.2  | 21.1   |  |   |  | 22.7  |  |   | 30.4  |  |
|      | 30   | 20  | 30. 5<br>31. 3   | 17  | 28.9<br>29.7  | 14.4   | 32.9<br>32.4  | 19.3   | 28.5<br>29.5   | 19.5<br>19.5  | 27.3   | 23. 1   | 33<br>33.2   | 18<br>18. 4   | 30. 2<br>30. 6  | 21<br>20   |
|      | 29<br>29   | 19  | 30.3   | 18<br>18.2  | 29.7  | 13.7<br>14.3   | 32.4  | 18. 2<br>18. 8   | 29.5   | 19.5  | 28.2<br>27.3   | 23.1  | 32. 4  | 18. 4   | 30.6  | 19.  |
|      | 29.5   | 18.6  | 29.5   | 18.2  | 29.8  | 15.6   | 32.3  | 18.6   | 29.4   | 17.4  | 27.2   | 19.6  | 34. 7  | 18.6  | 31.6  | 187  |
|      | 29.5   | 19.9  | 29.5   | 18.3  | 29.8  | 15.4   | 33.2  | 19.3   | 29.9   | 17. 4?  |  | 23.2  | 34.6   | 19.4  | 31.1  | 20.  |
|      |  | 21  | 31   | 18.1  | 32.4  | 16.1   | 33.2  | 20.8   | 29.9   | 19.8  | 29.4   | 22  | 32   | 19.3  | 33  | 20.  |
|      | 30.9   | 21.5  | 31.5   | 20, 6   | 32.5  | 16.1   | 34.6  | 20.4   | 32   | 21  | 30.7   | 20.4  | 34   | 21  | 33.9  | 20   |
|      | 32   | 20.5  | 31.5   | 22  | 33.3  | 18.5   | 35.3  | 21   | 32   | 21  | 31.1   | 21.3  | 33.3   | 21.8  | 35  | 19.  |
|      | 32   | 23.5  | 32.3   | 20  | 32.6  | 17.7   | 35.4  | 23.5   | 31   | 22. 2   | 30. 1  | 22.6  | 34.9   | 22.5  | 33  | 22.  |
|      | 30.6   | 23  | 32.2   | 22.3  | 30.8  | 17   | 34.1  | 22   | 30   | 21.5  | 29.8   | 24.4  | 33.2   | 21.3  | 30.7  | 22   |
|      | 30.9   | 22  | 31.8   | 20. 5   | 30.6  | 17.5   | 34.4  | 23. 2  | 30.5   | 23. 2   | 28.3   | 24.9  | 34   | 22. 2   | 31.6  | 22.  |
|      | 31   | 22  | 30.7   | 20.3  | 30.2  | 16. 2  | 34.5  | 22.5   | 30.5   | 21.5  | 28.7   | 24.4  | 34   | 21.3  | 32. 2   | 20.  |
|      | 32   | 22.5  | 30.7   | 20.8  | 30.7  | 21. 4  | 33. 8   | 23.8   | 27. 4  | 23.3  | 26. 4  | 23.5  | 31.9   | 24  | 31. 9   | 22.  |
| Mean | 30. 1  | 21.5  | 30.1   | 20. 2   | 29.9  | 18.3   | 32.2  | 20.6   | 28.7   | 21  | 27.4   | 22,6  | 32, 1  | 21.2  | 31  | 20.9   |
|      |  |   | Santa  | Cruz,   |   | .,   |   | nole.  | TI   | a.  |  | aidma   | m  |   | -   | 1  |
|      | Para   | cale.   |  | una.  | Mai   | nila.  | Anti  | polo.  | 11   | a.  | San I  | siuro.  | Tai  | ·lac.   | Ba  | ier.   |
| Day. | Para<br>Maxi-<br>mum.  | Mini-<br>mum.   |  |   | Maxi-<br>mum.   | Mini-  | Anti<br>Maxi-<br>mum.   |  | Maxi-  | Mini-   | Maxi-<br>mum.  | Mini-   | Maxi-  | Mini-   | Maxi-   | Min<br>mur   |
| Day. | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mir  |
|      | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mir<br>mu  |
|      | Maximum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.<br>°C.<br>20.2  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.<br>•C.<br>32.2  | Mini-<br>mum.  | Maximum.   | Mini-<br>mum.   | Maximum.   | Mini-<br>mum.   | Maxi-<br>mum.<br>°C.<br>35.4   | Mini-<br>mum.   | Maxi-<br>mum.<br>°C.<br>29<br>27.2  | Mi<br>mu   |
|      | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.<br>°C.<br>20.2<br>21.9<br>22.8  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.<br>°C.<br>18.6  | Maximum.  *C. 31.4 30.9 31   | Mini-<br>mum.<br>°C.<br>18.2<br>18.5<br>17.5  | Maxi-<br>mum.<br>°C.<br>35.4<br>34.4<br>34.2   | Mini-<br>mum.<br>°C.<br>19.4<br>19.5<br>19.5  | Maxi-<br>mum.<br>°C.<br>29<br>27.2<br>27.5  | Mi<br>mu<br>19.<br>21<br>20.   |
|      | Maxi-<br>mum.<br>°C.<br>24.6<br>27.1<br>26<br>27.7   | Mini-<br>mum.<br>°C.<br>23<br>23<br>22. 2<br>22. 9  | Maxi-mum.  *C. 29.6 29.2 28 27.6   | "C. 20.2 21.9 22.8 20.7   | Maximum.  °C. 31.6 31.8 30.6 30.8   | Mini-<br>mum.<br>°C.<br>17.8<br>19.7<br>18.8<br>17.5   | Maximum.  *C. 32.2 30.8 31.2 31.1   | Mini-<br>mum.<br>*C.<br>17.5<br>18.4<br>19.2<br>17.3   | Maximum.  °C. 30.6 31.3 33.3 31.7  | Mini-<br>mum.<br>°C.<br>18.6<br>20<br>19.6<br>18.4  | Maximum.  *C. 31.4 30.9 31 31.9  | Mini-<br>mum.<br>°C.<br>18.2<br>18.5<br>17.5  | Maximum.  *C. 35.4 34.4 34.2 34.5  | Mini-<br>mum.<br>°C.<br>19.4<br>19.5<br>19.5  | Maximum.  °C. 29 27.2 27.5  | Mi<br>mu<br>19.<br>21<br>20.<br>17.  |
|      | *C. 24.6 27.1 26 27.7 28   | Mini-<br>mum.  °C. 23 23 22.2 22.9 23.3   | Maximum.  *C. 29.6 29.2 28 27.6 30.1   | "C. 20.2 21.9 22.8 20.7 21.6  | Maximum.  °C. 31.6 31.8 30.6 30.8 33.4  | Minimum.  °C. 17.8 19.7 18.8 17.5 19.3   | Maximum.  *C. 32.2 30.8 31.2 31.1 32.7  | Mini-<br>mum.<br>°C.<br>17.5<br>18.4<br>19.2<br>17.3<br>19.1   | Maximum.  °C. 30.6 31.3 33.3 31.7  | Mini-<br>mum.<br>°C.<br>18.6<br>20<br>19.6<br>18.4<br>17.9  | Maximum.  *C. 31.4 30.9 31 31.9 32.1   | Mini-<br>mum.  °C. 18. 2 18. 5 17. 5 18   | Maximum.  *C. 35.4 34.4 34.2 34.5  | Mini-<br>mum.<br>°C.<br>19.4<br>19.5<br>19.5<br>17.5  | Maximum.  C. 29 27.2 27.5 29 28.3   | Mi<br>mu<br>19.<br>21<br>20.<br>17.<br>21.   |
|      | Maxi-<br>mum.<br>°C.<br>24.6<br>27.1<br>26<br>27.7<br>28<br>27   | Mini-<br>mum.  °C. 23 23 22.2 22.9 23.3 22.8  | Maximum.  *C. 29.6 29.2 28 27.6 30.1 27.8  | "C. 20.2 21.9 22.8 20.7 21.6 23.2   | *C. 31.6 31.8 30.6 30.8 33.4 31   | Mini-<br>mum.<br>°C.<br>17.8<br>19.7<br>18.8<br>17.5<br>19.3   | Maximum.  *C. 32.2 30.8 31.2 31.1 32.7  | Mini-<br>mum.<br>°C.<br>17.5<br>18.4<br>19.2<br>17.3<br>19.1   | "C. 30.6 31.3 33.3 31.7 31 31.2  | Minimum.  °C. 18.6 20 19.6 18.4 17.9 18.8   | Maximum.  *C. 31.4 30.9 31 31.9 32.1 32.4  | Mini-<br>mum.  °C. 18.22 18.5 17.5 18 19 17.8   | Maximum.  *C. 35.4 34.4 34.2 34.5 35.5   | Minimum.  °C. 19.4 19.5 19.5 17.7 18.2  | Maximum.  C. 29 27.2 27.5 29 28.3 29.5  | Mi<br>mu<br>19.<br>21.<br>20.<br>17.<br>21.  |
|      | Maximum.  °C. 24.6 27.1 26. 27.7 28 27 27.9  | Mini-<br>mum.  °C. 23 22 22 22 22 22 23 23 22 22 25 23 23 22 25 25 25 25 25 25 25 25 25 25 25 25  | Maximum.  *C. 29.6 29.2 28 27.6 30.1 27.8  | Mini-<br>mum.<br>°C.<br>20. 2<br>21. 9<br>22. 8<br>20. 7<br>21. 6<br>23. 2<br>22. 6   | "C. 31.6 31.8 30.6 30.8 33.4 31 29.4  | Mini-<br>mum.<br>°C.<br>17.8<br>19.7<br>18.8<br>17.5<br>19.3<br>19<br>19.7   | Maximum.  *C. 32.2 30.8 31.2 31.1 32.7 32 31.7  | Mini-<br>mum.  *C. 17.5 18.4 19.2 17.3 19.1 19   | °C. 30.6 31.3 33.3 31.7 31 31.2 31.4   | Mini-mum.  °C. 18.6 20 19.6 18.4 17.9 18.8 19.3   | Maximum.  *C. 31.4 30.9 31 31.9 32.1 32.4 31.5   | Mini-<br>mum.  °C. 18. 2 18. 5 17. 5 18 19 17. 8 18. 6  | **C. 35.4 34.4 34.2 34.5 35.5 36   | Minimum.  °C. 19.4 19.5 19.5 17.5 17.7 18.2 19.2  | Maximum.  °C. 29 27.2 27.5 29 28.3 29.5   | Mi<br>mu<br>19.<br>21.<br>20.<br>17.<br>21.<br>19.   |
|      | Maximum.  °C. 24.6 27.1 26 27.7 28 27 27.9 25.6  | Mini-<br>mum.  23 22 22 22 22 22 22 22 22 22 22 22 22   | Maximum.  °C. 29.6 29.2 28 27.6 30.1 27.8 28.6 27.3  | mini- mum.  °C. 20. 2 21. 9 22. 8 20. 7 21. 6 23. 2 22. 6 21. 7   | Maximum.  °C. 31.6 31.8 30.6 30.8 33.4 31 29.4  | Minimum.  *C. 17.8 19.7 18.8 17.5 19.3 19 19.7 18.7  | Maximum.  *C. 32.2 30.8 31.2 31.1 32.7 32 31.7 31.2   | Mini-<br>mum.<br>17.5<br>18.4<br>19.2<br>17.3<br>19.1<br>19  | Maximum.  °C. 30.6 31.3 33.3 31.7 31 31.2 31.4 30.9  | Mini-<br>mum.  °C. 18.6 20 19.6 18.4 17.9 18.8 19.3 17.5  | Maximum.  *C. 31.4 30.9 31.9 32.1 32.4 31.5 32.1   | Mini-<br>mum.  °C. 18.2 18.5 17.5 18 19 17.8 18.6 17.5  | Maximum.  *C. 35.4 34.4 34.2 34.5 35.5 36 36.5   | Minimum.  °C. 19.4 19.5 17.5 17.7 18.2 19.8   | Maximum.  °C. 29 27. 2 27. 5 29 28. 3 29. 5 29 29. 3  | Mi<br>mu<br>19.<br>21.<br>20.<br>17.<br>21.<br>19.<br>20.  |
|      | Maxi-<br>mum.<br>°C.<br>24.6<br>27.1<br>26.<br>27.7<br>28.<br>27.<br>27.9<br>25.6<br>27.9                                | Mini-<br>mum.  °C. 23 22. 2 22. 9 23. 3 22. 8 22. 5 22. 2 22. 1   | Maximum.  °C. 29.6 29.2 28 27.6 30.1 27.8 28.6 27.3 27.4   | "C. 20. 2 21. 9 22. 8 20. 7 21. 6 23. 2 22. 6 21. 7 22. 4   | Maximum.  *C. 31.6 31.8 30.6 30.8 33.4 31 29.4 30 30.7  | Mini-<br>mum.<br>17. 8<br>19. 7<br>18. 8<br>17. 5<br>19. 3<br>19<br>19. 7<br>18. 7<br>21. 1  | Maximum   | Minimum.  *C. 17.5 18.4 19.2 17.3 19.1 19 19.6 18 20.5   | Maximum.  °C. 30.6 31.3 33.3 31.7 31 231.4 30.9 31.9   | Mini-<br>mum.  °C. 18.6 20 19.6 18.4 17.9 18.8 19.3 17.5  | Maximum.  *C. 31.4 30.9 31 31.9 32.1 32.4 31.5 32.1 32.9   | Minimum.  °C. 18.2 18.5 17.5 18 19 17.8 18.6 17.5 20.3  | Maximum.  *C. 35.4 34.4 34.2 34.5 35.5 36.5 36.5 36.5  | Minimum.  °C. 19.4 19.5 19.5 17.5 17.7 18.2 19.2 19.2 19.8 20.7   | Maximum.  *C. 29 27. 2 27. 5 29 28. 3 29. 5 29 29. 3 27. 9  | Mi mu 19. 21. 20. 17. 21. 19. 20. 21.  |
|      | Maxi-<br>mum.  °C. 24.6 27.1 26 27.7 28 27 27.9 25.6 27  | Mini-<br>mum. <sup>3</sup> C. 23 22. 2 22. 9 23. 3 22. 8 22. 5 22. 2 22. 1 22. 7  | Maximum.  °C. 29.6 29.2 28 27.6 30.1 27.8 28.6 27.3 27.4 29.7  | Mini-mum.  °C. 20.2 21.9 22.8 20.7 21.6 23.2 22.6 21.7 22.4 21.8  | Maximum.  °C. 31.6 31.8 30.6 30.8 33.4 31 29.4 30 30.7 29.7   | Mini-<br>mum.<br>°C.<br>17. 8<br>19. 7<br>18. 8<br>17. 5<br>19. 3<br>19<br>19. 7<br>18. 7<br>21. 1<br>21. 6  | Maximum.  *C. 32. 2 30. 8 31. 2 31. 1 32. 7 32 31. 7 32 31. 3 30. 2   | Minimum.  *C. 17. 5 18. 4 19. 2 17. 3 19. 1 19 19. 6 18 20. 5 20. 5  | Maximum.  °C. 30.6 31.3 33.3 31.7 31 31.2 31.4 30.9 31.9 31.1  | Mini-<br>mum.  °C. 18. 6 20 19. 6 18. 4 17. 9 18. 8 19. 3 17. 5 19 20. 9  | Maximum.  *C. 31.4 30.9 31 31.9 32.1 32.4 31.5 32.1 32.9   | Mini-<br>mum.  °C. 18. 2 18. 5 17. 5 18 19 17. 8 18. 6 17. 5 20. 3 21   | Maximum.  °C. 35.4 34.4 34.2 34.5 35.5 36.5 36.5 35.5 35.5   | Minimum.  °C. 19.4 19.5 17.5 17.7 18.2 19.2 19.8 20.7   | Maximum.  °C. 29 27.2 27.5 29 28.3 29.5 29,3 27.9 27.7  | Mi mu 19. 21. 20. 17. 21. 19. 20. 21. 21.  |
|      | Maxi-<br>mum.  °C. 24.6 27.7 28 27 27.9 25.6 27 27 26.3  | Mini-<br>mum.  °C. 23 22. 2 22. 9 23. 3 22. 8 22. 5 22. 2 22. 1 22. 7 23  | Maximum.  *C. 29.6 29.2 28 27.6 30.1 27.8 28.6 27.3 27.4 29.7 30.3   | Minimum.  °C. 20. 2 21. 9 22. 8 20. 7 21. 6 23. 2 22. 6 21. 7 22. 4 21. 8 21. 4   | "C. 31.6 31.8 30.6 30.8 33.4 31 29.4 30 30.7 29.7 29.9  | Minimum.  °C. 17.8 19.7 18.8 17.5 19.3 19 19.7 18.7 21.1 21.6 21.8   | Maximum.  *C. 32.2 30.8 31.2 31.1 32.7 32.7 31.2 31.3 30.2 30.1   | Minimum.  *C. 17. 5 18. 4 19. 2 17. 3 19. 1 19 19. 6 18 20. 5 20. 5 20. 1  | Maximum.  °C. 30.6 31.3 33.3 31.7 31 31.2 31.4 30.9 31.9 31.11 30.8  | Minimum.  °C. 18.6 20 19.6 18.4 17.9 18.8 19.3 17.5   | Maximum.  *C. 31.4 30.9 31 31.9 32.1 32.4 31.5 32.1 32.9 33 31.4   | Mini-<br>mum.  °C. 18. 2 18. 5 17. 5 18 19 17. 8 18. 6 17. 5 20. 3 21 21. 5   | Maximum.  °C. 35.4 34.4 34.4 34.5 35.5 35.5 36.5 36.5 35.5   | Minimum.  °C. 19, 4 19, 5 17, 5 17, 7 18, 2 19, 8 20, 7 21, 3   | Maximum.  *C. 29 27.2 27.5 29 28.3 29.5 29 29.3 27.9 27.7 29.1  | Mi mu 19. 21. 20. 17. 21. 19. 20. 21. 21. 20.  |
|      | Maximum.  °C. 24.6 27.1 26 27.7 28 27 27.9 25.6 27 27 26.3 28.2  | Mini-<br>mum.  °C. 23 22.2 22.9 23.3 22.8 22.5 22.2 22.1 22.7 23 22.6   | Maximum.  °C. 29.6 29.2 28.6 30.1 27.8 28.6 27.3 29.7 30.3 29.6  | minimum.  °C. 20. 2 21. 9 22. 8 20. 7 21. 6 23. 2 22. 6 21. 7 22. 4 21. 8 21. 4 21. 9   | Maxi-<br>mum.<br>31.6<br>31.8<br>30.6<br>30.8<br>33.4<br>31<br>29.4<br>30<br>30.7<br>29.7<br>29.9<br>30.9               | Minimum.  °C. 17.88 19.7 18.8 17.5 19.3 19 19.7 18.7 21.1 21.6 21.8 21.2   | Maximum.  *C. 32.2 30.8 31.2 31.1 32.7 32 31.7 31.2 31.3 30.2 30.1 31.9   | Minimum.  *C. 17.5 18.4 19.2 17.3 19.1 19 20.5 20.5 20.1 19.5  | Maximum.  °C. 30.6 31.3 33.3 31.7 31.2 31.4 30.9 31.9 31.1 30.8  | Mini-<br>mum.<br>°C.<br>18.6<br>20<br>19.6<br>18.4<br>17.9<br>18.8<br>19.3<br>17.5<br>19<br>20.9<br>20.9<br>20.5  | Maximum.  *C. 31.4 30.9 31. 31.9 32.4 31.5 32.1 32.9 33.4 31.4   | Mini-<br>mum.  °C. 18.2 18.5 17.5 18 19 17.8 18.6 17.5 20.3 21 21.5   | Maximum.  *C. 35.4 34.4 34.2 34.5 35 35.5 36.5 36.5 35.5 36.5 35.5 36.5  | Minimum.  °C. 19.4 19.5 17.5 17.5 18.2 19.2 19.2 19.8 20.7 21 21.3 20.7   | Maximum.  *C. 29 27. 2 27. 5 29 28. 3 29. 5 29 29. 3 27. 9 27. 7 29. 1  | Mi mu 19. 21. 20. 17. 21. 19. 20. 21. 21. 20. 20.  |
|      | Maximum.  °C. 24.6 27.1 26 27.7 28 27 27.9 25.6 27 27 26.3 28.2 26   | Mini-<br>mum.  23 22, 2 22, 9 23, 3 22, 8 22, 5 22, 2 22, 1 22, 7 23 22, 6 23, 1  | Maximum.  °C. 29.6 29.2 28 27.6 30.1 27.8 28.6 27.3 29.7 30.3 29.6 29.8  | Mini-mum.  °C. 20. 2 21. 9 22. 8 20. 7 21. 6 23. 2 22. 6 21. 7 22. 4 21. 8 21. 4 21. 9 21. 6  | Maximum.  °C. 31.6 30.6 30.8 33.4 31 29.4 30 30.7 29.7 29.9 30.9 30.9 31.1  | Mini-<br>mum.<br>17.8<br>19.7<br>18.8<br>17.5<br>19.3<br>19<br>19.7<br>18.7<br>21.1<br>21.6<br>21.8<br>21.2<br>20.2  | Maximum. 32. 2 30. 8 31. 2 31. 1 32. 7 32 31. 7 31. 2 30. 1 31. 9 31. 2   | Mini-<br>mum.<br>°C.<br>17. 5<br>18. 4<br>19. 2<br>17. 3<br>19. 1<br>19<br>19. 6<br>18<br>20. 5<br>20. 5<br>20. 1<br>19. 3                       | Maximum.  °C. 30.6 31.3 33.3 31.7 31 31.2 31.4 30.9 31.1 30.8 30.9 30.8  | Mini-<br>mum.  *C. 18.6 20 19.6 18.4 17.9 18.8 19.3 17.5 19 20.9 20.5 20.4  | Maximum.  *C. 31.4 30.9 32.1 32.4 31.5 32.1 32.9 33 31.4 31.6  | Mini-<br>mum.  °C. 18. 5 17. 5 18 19 17. 8 18. 6 17. 5 20. 3 21 21. 5 19. 5 20. 5   | Maximum.  °C. 35.4 34.4 34.2 34.5 35.5 36.36 36.5 35.5 35.33 34.5 34.5 34.5  | Minimum.  °C. 19.4 19.5 17.5 17.7 18.2 19.2 19.8 20.7 21 21.3 20.7 20.3   | Maximum.  °C. 29 27. 2 27. 5 29 28. 3 29. 5 29 22. 7 29. 1 29. 1 29. 1 29. 6  | Mi mu 19. 21. 20. 17. 21. 19. 20. 21. 20. 20. 21.  |
|      | Maximum.  °C. 24.6 27.1 26 27.7 28 27 27.9 25.6 27 27 26.3 28.2 26 28.8  | Mini-mum.  °C. 23 22. 2 22. 9 23. 3 22. 8 22. 5 22. 2 22. 1 22. 7 23 22. 6 23. 1 22. 3  | Maximum.  °C. 29.6 29.2 28 27.6 30.1 27.8 28.6 27.4 29.7 30.3 29.6 29.8 33.6   | mini-mum.  °C. 20.2 21.9 22.8 20.7 21.6 23.2 22.6 21.7 22.4 21.9 21.4 21.9 21.6 20.2  | Maximum.  °C. 31.6 31.8 30.6 30.8 33.4 31 29.4 30 30.7 29.7 29.9 30.9 31.1 30.3   | Minimum.  °C. 17. 8 19. 7 18. 8 17. 5 19. 3 19 19. 7 21. 1 21. 6 21. 8 21. 2 20. 2 21. 2   | Maximum.  *C. 32.2 30.8 31.2 31.1 32.7 32 31.7 31.2 31.3 30.2 30.1 31.9 31.2 32.8   | Minimum.  °C. 17. 5 18. 4 19. 2 17. 3 19. 1 19 19. 6 18 20. 5 20. 1 19. 5 19. 3 19. 5  | Maximum.  °C. 30.6 31.3 33.3 31.7 31.2 31.4 30.9 31.11 30.8 30.9 30.8 30.9   | Minimum.  °C. 18.6 20 19.6 18.8 17.9 18.8 19.3 17.5 19 20.9 20.5 20.4 20.1  | Maximum.  *C. 31. 4 30. 9 31 31. 9 32. 1 32. 4 31. 5 32. 1 32. 9 33 31. 4 31. 4 30. 6 32. 6  | Minimum.  °C. 18.2 18.5 17.5 18.6 19.7 17.8 18.6 17.5 20.3 21 21.5 19.5 20.4  | Maximum.  °C. 35.4 34.4 34.2 34.5 35.5 36.3 36.5 35.5 34.5 34.2 34.2   | Minimum.  °C. 19, 4 19, 5 17, 5 17, 7 18, 2 19, 8 20, 7 21 21, 3 20, 7 20, 3  | Maximum.  °C. 29 27. 2 27. 5 29 28. 3 29. 5 29 29. 3 27. 9 27. 7 29. 1 29 26. 9 28. 1   | Mi mu 19. 21. 20. 17. 21. 19. 20. 21. 20. 20. 21. 20. 20.  |
|      | Maxi- mum.  °C. 24.6 27.1 26 27.7 28 27 27.9 25.6 27 26.3 28.2 26 28.8 27.6  | Minimum.  °C. 23 22. 2 22. 9 23. 3 22. 8 22. 5 22. 2 22. 7 23 22. 6 23. 1 22. 6 23. 1 22. 2   | Maximum.  °C. 29.6 29.2 28 27.6 30.1 27.8 28.6 27.3 27.4 29.7 30.3 29.6 29.8 33.6  | Mini-mum.  °C. 20. 2 21. 9 22. 8 20. 7 21. 6 23. 2 22. 6 21. 7 22. 4 21. 8 21. 4 21. 8 21. 4 21. 9 21. 6 20. 8  | Maximum.  °C. 31.6 30.6 30.8 33.4 31 29.4 30 7 29.7 29.9 30.9 31.1 30.3 30.9  | Minimum.  *C. 17. 8 19. 7 18. 8 17. 5 19. 3 19 19. 7 18. 7 21. 1 21. 6 21. 8 21. 2 20. 2 21. 2 22. 2   | Maximum. 32. 2 30. 8 31. 2 31. 1 32. 7 31. 2 31. 32 31. 1 32. 31. 2 31. 33. 30. 2 30. 2 30. 2 30. 2 30. 31. 3 30. 2 30. 31. 3 30. 2 30. 31. 3 30. 2 30. 31. 3 30. 2 30. 31. 3 30. 2 30. 31. 3 30. 2 30. 31. 3 30. 30. 3 | Minimum.  *C. 17. 5 18. 4 19. 2 17. 3 19. 1 19 20. 5 20. 5 20. 5 19. 3 19. 5 19. 4   | Maximum.  °C. 30.6 31.3 33.3 31.7 31.2 31.4 30.9 31.1 30.8 30.9 30.8 30.1 30.4   | Mini-<br>mum.<br>°C.<br>18. 6<br>20<br>19. 6<br>18. 4<br>17. 9<br>18. 8<br>19. 3<br>17. 5<br>19<br>20. 9<br>20. 5<br>20. 4<br>20. 1<br>19. 1                              | Maximum.  *C. 31.4 30.9 31.1 31.9 32.1 32.4 31.5 32.1 32.9 33 31.4 30.6 32.6   | Mini-<br>mum.<br>°C.<br>18. 2<br>18. 5<br>17. 5<br>18<br>19<br>17. 8<br>18. 6<br>17. 5<br>20. 3<br>21<br>21. 5<br>19. 5<br>20. 5<br>20. 4 | Maximum.  °C. 35.4 34.4 34.2 34.5 35.5 35.5 35.5 35.5 34.5 34.2 34.2   | Minimum.  °C. 19.4 19.5 17.5 17.7 18.2 19.8 20.7 21. 21.3 20.7 20.3 20.5 20.6   | Maximum.  *C. 29 27. 2 27. 2 27. 5 29 28. 3 29. 5 29 27. 7 29. 1 29 26. 9 28. 1 30. 5   | Mi mu 19. 21. 20. 17. 21. 19. 20. 21. 20. 20. 20. 20. 20.  |
|      | Maximum.  °C. 24.6 27.1 26 27.7 28 27 27.9 25.6 27 26.3 28.2 26 28.8 27.6  | Mini-mum.  20. 23. 23. 22. 22. 22. 22. 22. 22. 22. 22   | Maximum.  °C. 29.6 29.2 28 27.6 30.1 27.8 28.6 27.3 27.4 29.7 30.3 29.6 32.1 29.1  | Mini-mum.  °C. 20. 2 21. 9 22. 8 20. 7 21. 6 23. 2 22. 6 21. 7 22. 4 21. 9 21. 6 20. 2 20. 8 21. 4  | Maximum.  °C. 31.6 31.8 30.6 30.8 33.4 31 29.4 30 30.7 29.9 30.9 30.9 30.3 30.9 30.3                                    | Minimum.  °C. 17.8 19.7 18.8 19.7 18.8 19.7 121.1 21.6 21.8 21.2 20.2 21.2   | Maximum.  *C. 32.2 30.8 31.2 31.1 32.7 32.31.7 31.2 31.3 30.2 30.1 31.9 32.8 32.7   | Minimum.  °C. 17. 5 18. 4 19. 2 17. 3 19. 1 19 20. 5 20. 1 19. 5 19. 3 19. 5 19. 4   | Maximum.  °C. 30.6 31.3 33.3 31.7 31. 31.2 31.4 30.9 31.9 30.8 30.9 30.9 30.9 30.9   | Minimum.  °C. 18.6 20 19.6 18.4 17.9 18.8 19.3 17.5 19 20.9 20.5 20.1 19.1 19.1   | Maximum.  °C. 31.4 30.9 31.9 32.1 32.4 31.5 32.1 32.9 33 31.4 31.4 31.6 32.6 32 30.5   | Minimum.  °C. 18. 2 18. 5 17. 5 18 19 17. 8 18. 6 17. 5 20. 3 21 21. 5 20. 4 21 20. 6   | Maximum.  °C. 35.4 34.4 34.5 35.5 35.5 35.5 36.5 35.5 36.5 34.2 34.2 34.2  | Minimum.  °C. 19,4 19,5 19,5 17,5 17,7 18,2 19,8 20,7 21 21,3 20,7 20,0 20,0 20,0 20,0  | Maximum.  *C. 29 27.2 27.5 29 29.3 29.5 29.3 27.9 27.7 29.1 29 28.1 30.5  | Mi mu 21 20. 17. 21. 19. 20. 21. 20. 20. 20. 20. 20.   |
|      | Maximum.  °C. 24.6 27.1 26. 27.7 28 27 27.9 25.6 27 26.3 28.2 26 28.8 27.6 25  | Minimum.  2C. 23 22. 2 22. 9 23. 3 22. 8 22. 5 22. 2 22. 1 22. 7 23 22. 6 23. 1 22. 3 22. 2 22. 2 22. 2   | Maximum.  *C. 29.6 29.2 28 27.6 30.1 27.8 28.6 27.3 27.4 29.7 30.3 29.6 29.8 33.6 33.1 29.1 29.1   | Mini-mum.  °C. 20. 2 21. 9 22. 8 20. 7 21. 6 23. 2 22. 6 21. 7 22. 4 21. 8 21. 4 21. 9 21. 6 20. 2 20. 8 21. 4  | Maximum.  *C. 31.6 30.8 30.8 33.4 31 29.4 30 30.7 29.9 30.9 31.1 30.3 30.9 30.3   | Minimum.  *C. 17.8 19.7 18.8 17.5 19.3 19 19.7 18.7 21.1 21.6 21.8 21.2 20.2 21.2 22.2 21.2  | Maximum.  *C. 32. 2 30. 8 31. 1 32. 7 32 31. 7 31. 2 31. 3 30. 2 30. 1 31. 9 31. 2 32. 8 32. 7 32. 8  | Minimum.  *C. 17.5 18.4 19.2 17.3 19.1 19 19.6 18 20.5 20.5 20.5 19.3 19.5 19.4 19.3 18.2  | Maximum.  °C. 30.6 31.3 33.3 31.7 31 31.2 31.4 30.9 31.9 31.1 30.8 30.9 30.1 30.4 29.7   | Minimum.  *C. 18.6 20 19.6 18.4 17.9 18.8 19.3 17.5 19 20.9 20.5 20.4 20.1 19.1 20.3 20.4   | Maximum.  *C. 31.4 30.9 31 31.9 32.1 32.4 31.5 32.1 32.9 33 431.4 30.6 32.6 32.30.5 30.4   | Minimum.  °C. 18.2 18.5 17.5 18 19 17.8 18.6 17.5 20.3 21 21.5 20.5 20.4 20.6   | Maximum.  *C. 35.4 34.4 34.2 34.5 35.5 36.5 36.5 36.5 36.5 34.5 34.2 34.2 34.2 34.3 33.2   | Minimum.  °C. 19. 4 19. 5 17. 5 17. 7 18. 2 19. 2 19. 2 20. 7 20. 3 20. 5 20. 6 20. 3 19. 8   | Maximum.  *C. 29 27. 2 27. 5 29 28. 3 29. 5 29 29. 3 27. 9 29. 1 29. 1 30. 5 27 25. 8   | Mi mu 19. 21. 20. 17. 21. 20. 20. 20. 20. 19.  |
|      | Maximum.  *C. 24.6 27.1 26.27.7 27.9 25.6 27.27 26.3 28.2 26.28.8 27.6 25.6 27.8   | Mini-mum.  2G. 23 22 22. 2 22. 9 23. 3 22. 8 22. 5 22. 2 22. 1 22. 7 23 22. 6 23. 1 22. 2 22. 2 22. 2 22. 1 21. 5   | Maxi-<br>mum.<br>°C.<br>29.6<br>29.2<br>28.<br>27.6<br>30.1<br>27.8<br>28.<br>28.<br>28.<br>27.3<br>27.4<br>29.7<br>29.7<br>30.3<br>29.8<br>33.6<br>32.1<br>29.1<br>29.1 | Mini-<br>mum.  °C. 20. 2 21. 9 22. 8 20. 7 21. 6 23. 2 22. 6 21. 7 22. 4 21. 8 21. 4 21. 6 20. 2 20. 8 21. 4 21. 6 20. 8  | Maximum.  °C. 31.6 30.6 30.8 33.4 31 29.4 30 30.7 29.9 30.9 30.3 31.6   | Minimum.  **C. 17.8 8 19.7 18.8 17.5 19.3 19 19.7 21.1 21.6 21.8 21.2 20.2 21.2 21.6 19.5  | Maximum.  *C. 32.2 30.8 31.2 31.7 32.7 31.2 31.3 30.2 30.1 31.9 31.2 32.8 31.8 31.8   | Minimum.  *C. 17.5 18.4 19.2 17.3 19.1 19 6 18 20.5 20.5 20.1 19.5 19.3 19.5 19.3 18.2 17.9  | Maximum.  °C. 30.6 31.3 33.3 31.7 31 31.2 31.4 30.9 31.9 31.1 30.8 30.9 30.9 30.9 30.9 30.9 30.9                                 | Minimum.  °C. 18.6 20 19.6 18.4 17.9 18.8 19.3 17.5 19 20.5 20.4 20.1 19.1 19.1 19.3 20.4   | Maximum.  *C. 31.4 30.9 31.9 32.1 32.4 31.5 32.9 33.3 31.4 30.6 32.6 32.6 32.6 30.5 30.4 31.4  | Minimum.  °C. 18. 2 18. 5 17. 5 18 19 17. 8 18. 6 17. 5 20. 3 21 21. 5 20. 4 21 20. 6 20 18. 5  | Maximum.  °C. 35.4 34.2 34.5 35.5 36.5 36.5 35.5 34.2 34.2 34.2 34.2 34.2 34.2 34.2 34.2   | Minimum.  °C. 19, 4 19, 5 17, 7 18, 2 19, 2 19, 8 20, 7 21 21, 3 20, 5 20, 5 20, 3 19, 8 19, 8  | Maximum.  *C. 29 27.2 27.5 29 28.3 29.5 29 27.7 29.1 29 26.9 28.1 30.5 27 25.2  | Mi mu 19. 21. 20. 17. 21. 20. 20. 20. 20. 19. 19.  |
|      | Maximum.  *C. 24.6 27.1 26.27.7 27.9 25.6 27.27 26.3 28.2 26.28.8 27.6 25.6 27.8   | Minimum.  °C. 23 22. 2 22. 9 23. 3 22. 8 22. 5 22. 2 22. 1 22. 7 23 22. 6 23. 1 22. 3 22. 2 22. 1 21. 5   | Maximum.  °C. 29.6 29.2 28 27.6 30.1 27.8 28.6 27.3 29.6 29.6 32.1 29.4 29.4 29.4  | Mini-<br>mum.  °C. 20. 2 21. 9 22. 8 20. 7 21. 6 23. 2 22. 6 21. 7 22. 4 21. 8 21. 9 21. 6 20. 2 20. 8 21. 4 21. 9  | Maximum.  *C. 31.6 31.8 30.6 30.8 33.4 29.4 30 30.7 29.9 30.9 31.1 30.3 30.9 31.6 31.6                                  | Minimum.  *C. 17. 8 19. 7 18. 8 17. 5 19. 3 19 19. 7 21. 1 21. 6 21. 8 21. 2 20. 2 21. 2 22. 2 21. 6 19. 2 18. 5   | Maximum.  *C. 32.2 30.8 31.2 31.1 32.7 32.31.3 30.2 31.9 31.9 31.2 32.8 32.7 32.8 33.6 33.6   | Minimum.  *C. 17. 5 18. 4 19. 2 17. 3 19. 1 19 20. 5 20. 5 20. 5 19. 3 19. 5 19. 4 19. 3 18. 2 17. 5   | Maximum.  *C. 30.6 31.3 33.3 31.7 31.2 31.4 30.9 31.9 31.1 1 30.8 30.9 30.4 29.7 29.6 30.4 30.4 30.4 30.4 30.4 30.4 30.4 30.4    | Minimum.  °C. 18.6 20 19.6 18.8 19.3 17.5 19 20.9 20.5 20.4 20.1 19.1 20.3 20.4 19.8  | Maximum.  *C. 31. 4 30. 9 31 31. 9 32. 1 32. 4 31. 5 32. 1 32. 9 33 31. 4 31. 4 30. 6 32 6 32 30. 5 30. 4 31. 4 31. 4                                | Minimum.  °C. 18.2 18.5 17.5 18 19 17.8 18.6 17.5 20.3 21 21.5 20.4 21 20.6 20 18.5   | Maximum.  *C. 35.4 34.2 34.5 35.5 36.5 35.5 36.5 35.35 34.2 34.2 34.2 34.2 34.3 35.2   | Minimum.  °C. 19.4 19.5 17.7 18.2 19.2 19.2 19.8 20.7 21 21.3 20.7 20.3 20.6 20.3 19.8 19.3   | Maximum.  °C. 29 27. 2 27. 5 29 28. 3 29. 5 29 27. 7 29. 1 20. 5 27 28 28. 27. 5  | Mi mu 19. 21. 20. 21. 20. 20. 20. 20. 19. 21   |
|      | Maximum.  °C. 24.6 27.1 26 27.7 28 27.9 25.6 27 27 26 28.2 26 28.8 27.6 25 26 27.8 28.5 28 5 28 5 28 5 28 5 28 5 28 5 28 | Minimum.  °C. 23 22, 2 22, 2 22, 8 22, 8 22, 8 22, 1 22, 7 23 22, 6 28, 1 22, 2 22, 1 21, 5 19, 3   | Maximum.  °C. 29.6 29.6 29.2 8 27.6 30.1 27.8 27.4 29.7 30.3 29.6 29.8 33.6 32.1 29.1 29.4 30.5  | minimum.  °C. 20. 2 21. 9 22. 8 20. 7 21. 6 23. 2 22. 4 21. 9 21. 6 20. 2 20. 8 21. 4 21. 9 21. 6 20. 2 20. 8 21. 4   | Maximum.  °C. 31.6 30.6 30.8 33.4 30 30.7 29.9 30.9 31.1 30.3 30.9 30.3 31.6 31.6 31.3                                  | Minimum.  **C.* 17.8 8 19.7 18.8 17.5 3 19.7 21.1 6 21.8 21.2 20.2 221.6 19.2 221.8 5 18.8 19.9  | Maximum   | Minimum.  *C. 17.5 18.4 19.2 17.3 19.1 19.6 18.2 20.5 20.1 19.5 19.3 19.5 19.3 19.5 19.3 19.5 19.3 19.5 19.3 19.5 19.3                           | Maximum.  °C. 30.6 31.3 33.3 31.7 31.2 31.4 30.9 31.9 30.8 30.1 30.8 30.1 30.9 30.8 30.9   | Minimum.  °C. 18.6 20 19.6 18.7 19.8 19.3 17.5 19 20.9 20.5 20.4 20.1 19.1 20.3 20.4 19.8 19.1  | Maximum.  *C. 31.4 30.9 31 31.9 32.1 32.4 31.4 30.6 32.6 32.6 32.30.5 30.4 31.4 32.4 32.4 32.4 32.4  | Minimum.  °C. 18.2 18.5 17.5 18 19 17.8 18.6 17.5 20.3 21 21.5 20.5 20.4 21 20.6 20 18.5  | Maximum.  *C. 35.4 4 34.2 34.5 35.5 36 36.5 35.5 34.2 34.2 34.2 34.2 34.2 34.2 34.2 34.2   | Minimum.  °C. 19, 4 19, 5 19, 5 17, 7 18, 2 19, 8 20, 7 21, 3 20, 5 20, 6 20, 3 19, 8 19, 3 19, 7 20  | Maximum.  *C. 29 27.2 27.5 29 28.3 29.5 29 29.3 27.7 29.1 29 26.9 28.1 30.5 27 25.8 27.5 28   | Mi mu 21 220. 17. 21. 19. 20. 20. 20. 20. 19. 19. 21. 20. 20. 20. 20. 20. 20. 20. 20. 20. 20   |
|      | Maximum.  °C. 24.6 27.1 26 27.7 28 27.9 25.6 27 27 26 28.2 26 28.8 27.6 25 26 27.8 28.5 28 5 28 5 28 5 28 5 28 5 28 5 28 | Minimum.  2C. 23 22: 2 22: 9 23: 3 22: 2 22: 1 22: 7 23 22: 6 23: 1 22: 2 22: 1 21: 5 19: 3 19: 4   | Maximum.  *C. 29.6 29.2 28 27.6 30.1 27.8 27.4 29.7 30.3 29.6 32.1 29.4 29.4 29.4 30.5 30.1  | mini-<br>mum.<br>°C.<br>20. 2 21. 9<br>22. 8<br>20. 7<br>21. 6<br>23. 2<br>22. 6<br>21. 7<br>22. 4<br>21. 8<br>21. 4<br>21. 9<br>21. 6<br>20. 2<br>20. 8<br>21. 6<br>20. 8<br>21. 6<br>20. 8<br>21. 6<br>21. 7  | Maximum. 31.6 31.8 30.6 30.8 33.4 31 29.4 30 30.7 29.9 30.9 31.1 30.3 30.9 31.6 31.6 31.6 31.3 31.3                     | Minimum.  *C. 17.88 19.7 18.8 19.7 19.7 18.7 21.1 21.6 21.8 21.2 20.2 21.2 22.2 21.2 31.8 31.9 18.8  | Maximum. 32. 2 30. 8 31. 2 31. 1 32. 7 31. 2 31. 3 30. 2 30. 1 31. 9 31. 2 32. 8 32. 7 32. 8 32. 6 33. 6 33. 6 33. 6 34. 1  | Minimum.  *C. 17.5. 18.4. 19.2. 17.3. 19.1. 19.6. 18.20.5. 20.5. 20.5. 19.3. 19.5. 19.4. 19.3. 18.2. 17.3.                                       | Maximum.  °C. 30.6 31.3 33.3 31.7 31.2 31.2 31.4 30.9 31.1 30.8 30.9 30.4 29.7 29.6 30.4 29.9                                    | Minimum.  *C. 18. 6 20 19. 6 18. 4 17. 9 18. 8 19. 3 17. 5 19 20. 9 20. 5 20. 4 20. 1 19. 1 20. 3 20. 4 19. 8 19. 1 19. 2   | Maximum. 31.4 30.9 31.9 32.1 32.4 31.4 30.6 32.6 32.6 32.6 32.4 31.4 32.4 32.4 33.3  | Minimum.  °C. 18.2 18.5 17.5 18 19 17.8 18.6 17.5 20.3 21 21.5 20.4 21 20.6 20 18.5 19  | Maximum.  *C. 35.4 34.2 34.5 35.5 36.5 35.5 34.5 34.2 34.2 34.2 34.3 35.2 34.2 34.3 35.2 34.3  | Minimum.  °C. 19.4 19.5 17.5 17.7 18.2 19.2 19.2 19.2 20.7 20.3 20.6 20.3 19.8 19.3 19.7  | Maximum.  *C. 29 27. 2 27. 5 29 28. 3 29. 5 29. 3 27. 7 29. 1 30. 5 27 25. 8 27. 5 28 28. 1 28. 6   | Mi mu 19. 21. 20. 17. 21. 20. 20. 20. 20. 20. 20. 19. 19. 21. 20. 17.  |
|      | Maximum.  °C. 24.6 27.1 26 27.7 28 27.9 25.6 27 27 26 28.2 26 28.8 27.6 25 26 27.8 28.5 28 5 28 5 28 5 28 5 28 5 28 5 28 | Minimum.  C. 23 22: 22: 22: 22: 22: 22: 22: 22: 22: 22:   | Maximum.  *C. 29.6 29.2 28.6 27.8 27.8 27.9 29.4 29.1 29.4 29.4 30.5 30.2 30.1   | "C. 20. 2 21. 9 22. 8 20. 7 21. 6 21. 4 21. 4 21. 4 21. 4 21. 4 21. 9 21. 6 20. 8 21. 4 21. 9 21. 6 20. 8 21. 4 21. 9 19. 5 19. 1 18. 4   | Maxi- mum.  °C. 31.6 30.6 30.8 30.4 31 29.7 29.7 29.9 30.9 31.1 30.3 30.9 31.6 31.6 31.3 31.6 31.3                      | Minimum.  **C.* 17.8 8 19.7 18.8 8 17.5 5 19.3 19 7 18.7 21.1 1 21.6 21.8 21.2 20.2 21.6 19.2 21.8 18.5 18.8 19.9 18.6 18  | Maximum   | Minimum.  *C. 17.5 18.4 19.2 17.3 19.1 19.6 18.20.5 20.5 20.1 19.3 19.3 19.5 19.3 19.5 17.3  | Maximum.  °C. 30.6 31.3 33.3 31.7 31.2 30.9 31.1 30.8 30.9 30.8 30.9 30.4 29.7 29.6 30 30.4 29.9 30.4                            | Minimum.  °C. 18. 6 20 19. 6 18. 4 19. 3 17. 5 19 20. 9 20. 5 20. 4 20. 11 20. 3 20. 4 19. 8 19. 1 19. 2 19. 2 19. 2 19. 2 19. 2 19. 2 18. 2                              | Maximum.  *C. 31.4 30.9 31.1 32.1 32.1 32.9 33.1 31.4 30.6 32.6 32.6 32.1 31.4 31.4 31.4 31.4 31.4 31.4 31.4 31                                      | Minimum.  **C.** 18.5 17.5 18 19 17.8 18.6 17.5 20.3 21 21.5 20.5 20.4 21 20.6 20 18.5 19 19 19 19 18.8                                   | Maximum.  **C.* 35.4* 34.2* 34.5* 35.5* 36.5* 35.5* 34.2* 34.2* 34.2* 34.2* 34.2* 34.2* 34.2* 34.3* 35.5* 36 | Minimum.  °C. 19.4 19.5 19.5 17.7 18.2 19.8 20.7 21.3 20.7 20.3 20.6 20.3 19.8 19.3 19.7  | Maximum.  *C. 29 27.2 27.5 29 28.3 29.5 29 27.7 29.1 29 26.9 28.1 30.5 27 25.8 27.5 28 27.5 28 27.5 28 28.6   | Mi mu 19. 21. 20. 17. 21. 20. 20. 20. 20. 20. 19. 19. 21. 21. 21. 21. 21. 21. 21. 21. 21. 21   |
|      | Maximum.  °C. 24.6 27.1 26 27.7 28 27.9 25.6 27 27 26 28.2 26 28.8 27.6 25 26 27.8 28.5 28 5 28 5 28 5 28 5 28 5 28 5 28 | Minimum.  2G. 23 22. 2 22. 9 23. 3 22. 2 22. 1 22. 7 23 22. 6 23. 1 22. 3 22. 2 22. 1 19 19 19 18 18 18 6 19 8  | Maximum.  *C. 29.6 29.2 28 27.6 30.1 30.3 27.4 29.7 30.3 29.8 33.6 32.9 32.9 30.1 31.2 30.2  | mini-<br>mum.<br>°C.<br>20. 2<br>21. 9<br>22. 8<br>20. 7<br>21. 6<br>23. 2<br>22. 4<br>21. 9<br>21. 4<br>21. 9<br>21. 6<br>20. 2<br>20. 2<br>20. 8<br>21. 4<br>21. 9<br>21. 6<br>20. 2<br>20. 2<br>20. 8<br>21. 9<br>21. 6<br>20. 2<br>20. 8<br>20. 7<br>21. 6<br>20. 2<br>20. 8<br>20. 7<br>21. 6<br>20. 2<br>20. 8<br>20. 7<br>21. 6<br>20. 2<br>20. 8<br>20. 8<br>20. 9<br>21. 6<br>20. 2<br>20. 8<br>20. 1<br>21. 6<br>20. 8<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 2<br>20. 20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20 | Maximum. 31.6 31.8 30.6 30.8 33.4 31 29.4 30 30.7 29.9 30.9 31.1 31.3 31.6 31.6 31.3 31.6 31.3 31.6 31.3                | Minimum.  17.8 19.7 18.8 19.7 19.3 19.7 21.1 21.6 21.8 21.2 20.2 21.2 22.2 21.2 21.8 19.9 18.6 18.8 19.9   | Maximum.  *C. 32.230.8 31.2 31.1 32.7 31.2 31.3 30.2 31.1 31.9 31.2 32.8 32.8 31.8 32.6 33.6 33.6 33.6 33.9   | Minimum.  *C. 17.5 18.4 4 19.2 17.3 19.1 19.6 18 20.5 20.1 19.5 19.3 18.2 17.9 17.5 17.3 17.7 20.2   | Maximum. 30.6 31.3 33.3 31.7 31.2 31.4 30.9 31.9 31.1 30.8 30.9 30.4 29.7 29.6 30 30.4 29.9 30.4 30.3                            | Minimum.  °C. 18.6 20 19.6 18.4 17.9 18.8 19.3 17.5 19 20.9 20.5 20.4 19.1 19.1 19.2 19.2 19.2 19.2 18.2  | Maximum. 31.4 32.1 32.1 32.1 32.1 32.2 33.4 31.4 31.4 32.6 32.6 32.6 32.1 33.4 33.4 33.4 33.4  | Minimum.  °C. 18.25 17.5 18.6 19.7 19.5 20.3 21.5 19.5 20.4 21.6 20.6 20.9 19.1 19.9 18.8 19.6  | Maximum.  °C. 35.4 34.2 34.2 34.5 35.5 36.5 36.5 35.5 34.2 34.2 34.2 34.8 35.2 34.8 35.5 36.5  | Minimum.  *C. 19.4 19.5 17.5 17.7 18.2 19.2 19.8 20.7 21.3 20.5 20.6 20.3 19.8 19.3 19.7 20   | Maximum.  *C. 29 27. 2 27. 5 29 28. 3 29. 5 29 29. 3 27. 7 29. 1 29 26. 9 28. 1 30. 5 27 25. 8 27. 25. 8 28. 1 28. 6 28. 8 27. 9  | Mi: mu 19. 21. 20. 21. 20. 20. 21. 21. 21. 21. 21. 21. 21. 21. 21. 21  |
|      | Maximum.  °C. 24.6 27.1 26 27.7 28 27.9 25.6 27 27 26 28.2 26 28.8 27.6 25 26 27.8 28.5 28 5 28 5 28 5 28 5 28 5 28 5 28 | Minimum.  C. 23 22: 22: 2 22: 9 23: 3 22: 8 22: 5 22: 1 22: 7 23 22: 6 23: 1 22: 2 22: 1 21: 5 19 19: 3 19: 4 18: 6 19: 8   | Maximum.  *C. 29.6 29.8 27.6 1 27.8 6 27.3 27.4 29.7 30.3 6 29.8 33.6 29.6 33.1 29.1 29.1 29.1 29.1 30.5 30.5 30.1 31.2 30.9 33  | mini- mum.  *C. 20. 2 21. 9 22. 8 20. 7 21. 6 23. 2 22. 6 21. 7 22. 4 21. 8 21. 4 21. 9 21. 6 20. 8 21. 4 21. 9 21. 6 20. 8 21. 1 21. 9 21. 6 20. 8 21. 1 21. 9 21. 6 20. 8 20  | Maximum. 31.6 31.8 30.6 30.8 33.4 31 29.4 30 30.7 29.7 29.9 31.1 30.3 30.9 30.9 31.6 31.6 31.3 31.6 31.3 31.3 31.3 31.3 | Minimum.  *C. 17.88 19.7 18.8 19.7 19.3 19.7 18.7 21.1 21.6 21.2 20.2 21.2 22.2 21.8 19.9 18.6 18.9 18.8 18.9  | Maximum. 32.2 30.8 31.2 31.1 32.7 32.8 31.1 2 31.3 30.2 30.1 31.9 31.2 32.8 32.7 32.8 32.6 33.6 33.6 33.6 33.8 33.8 33.8 33.8   | Minimum.  *C. 17.5 18.4 19.2 17.3 19.1 19 19.6 18 20.5 20.5 20.5 19.3 19.3 19.4 19.3 18.2 17.9 17.7 17.2 20.2 18.2                               | Maximum.  °C. 30.6 31.3 33.3 31.7 31.2 31.4 30.9 31.1 30.8 30.9 30.4 29.9 30.4 29.9 30.4 30.3 30.7                               | Minimum.  °C. 18. 6 20 19. 6 18. 4 17. 9 18. 8 19. 3 17. 5 19 20. 9 20. 5 20. 4 20. 1 19. 1 20. 3 20. 4 19. 8 19. 8 19. 2 19. 2 19. 2 19. 2 19. 5                         | Maximum.  *C. 31.4 30.9 31 32.1 32.4 31.5 32.1 32.9 33 31.4 30.6 32.6 32.6 32.1 31.4 33.4 33.4 33.4 33.4   | Minimum.  °C. 18.5 17.5 18.6 17.5 20.3 21. 20.5 20.5 20.5 20.6 20 18.5 19.1 19.9 19.1 19.9 18.8   | Maximum.  **C.* 35.4* 34.2* 34.5* 35.5* 36.5* 35.5* 34.2* 34.2* 34.2* 34.2* 34.2* 34.2* 34.2* 34.3* 35.5* 36 | Minimum.  °C. 19.4 19.5 19.5 17.7 18.2 19.8 20.7 21.3 20.7 20.3 20.6 20.3 19.8 19.3 19.7  | Maximum.  *C. 29 27.2 27.5 29 28.3 29.5 29 27.7 29.1 29 26.9 28.1 30.5 27 25.8 27.5 28 27.5 28 27.5 28 28.6   | Mi: mu 19. 21. 19. 22. 19. 20. 21. 20. 20. 20. 21. 20. 21. 21. 21. 21. 21. 21. 21. 21. 21. 21  |
|      | Maximum.  °C. 24.6 27.1 26 27.7 28 27.9 25.6 27 27 26 28.2 26 28.8 27.6 25 26 27.8 28.5 28 5 28 5 28 5 28 5 28 5 28 5 28 | Minimum.  2C. 23 22, 2 22, 9 23, 3 22, 8 22, 5 22, 2 22, 1 22, 7 23 22, 6 23, 1 22, 3 22, 2 22, 1 21, 5 19, 3 19, 4 18, 6 19, 8 19, 8 19, 8 19, 8 19, 8 19, 8 19, 8 19, 8   | Maximum.  *C. 29.6 29.6 29.7 30.1 27.8 27.4 29.7 30.3 27.4 29.7 30.3 29.6 29.8 33.6 32.1 29.1 29.4 30.5 30.5 30.9 33 35  | minimum.  °C. 20. 2 21. 9 22. 8 20. 7 21. 6 23. 2 22. 4 21. 9 21. 4 21. 9 21. 4 21. 9 21. 4 21. 9 21. 4 21. 9 21. 4 21. 9 21. 1 20. 8 21. 4 20. 8 21. 4 20. 8 21. 8 21. 8 21. 8 21. 8 21. 8 21. 8 21. 8 21. 8 21. 8 21. 8 21. 8 21. 8 21. 8 21. 8 21. 8 21. 8   | Maximum.  *C. 31.6 31.8 30.6 30.8 33.4 31 29.4 30 729.7 29.9 30.9 31.1 30.3 30.3 31.6 31.6 31.2 32.3 33.8 33.8          | Minimum.  **C.* 17.8 8 19.7 18.8 17.5 19.3 19 19.7 21.1 6 21.8 21.2 22.2 22.6 19.2 221.6 19.2 18.5 18.8 18.9 18.6 18 21.2 20.2 21.8 6 18.2 18.5 18.9 18.6 18                               | Maximum   | Minimum.  *C. 17.5 18.4 19.2 17.3 19.1 19.6 18.2 20.5 20.1 19.5 19.3 19.5 19.3 19.5 19.3 17.3 17.9 17.5 17.3                                     | Maximum.  **C. 30.6 31.3 33.3 31.7 31.2 31.4 30.9 31.9 30.8 30.9 30.8 30.1 429.7 29.6 30 429.9 30.4 30.3 30.7 30.9               | Minimum.  °C. 18.6 20 19.6 18.7 19.6 18.8 19.3 17.5 19 20.9 20.5 20.4 20.1 19.1 20.3 20.4 19.8 19.2 19.2 19.2 18.2 19.2 18.2 18.2 19.5                                    | Maximum.  *C. 31.4 30.9 31 31.9 32.1 32.4 31.5 32.1 32.6 32.6 32.6 32.6 32.4 31.4 30.6 32.6 32.1 33.1 34.4 33.1 34.4 33.1 33.4 33.1 34.4 33.1 34.4   | Minimum.  °C. 18.2 18.5 17.5 18 19 17.8 18.6 17.5 20.3 21 21.5 20.4 21 20.6 20 18.5 19 19.9 18.8 19.6                                     | Maximum.  °C. 35.4.4 34.2 34.5 35.5 36.5 36.5 35.5 34.2 34.2 34.2 34.2 34.2 34.3 35.2 34.3 35.2 34.3 35.6 36.3 36.6 36.5   | Minimum.  °C. 19, 4 19, 5 17, 5 17, 7 18, 2 19, 8 20, 7 21, 3 20, 5 20, 6 20, 3 19, 8 19, 3 19, 7 20 19, 4 19, 8 20, 5 20, 6                            | Maximum.  *C. 29 27. 2 27. 5 29 28. 3 29. 5 29 29. 3 27. 7 29. 1 29. 26. 9 28. 1 30. 5 27 28. 6 28. 8 27. 9 29. 5 30. 8   | Mi: mu 19. 21. 22. 17. 21. 19. 21. 20. 21. 20. 21. 20. 19. 19. 11. 18. 19.   |
|      | Maximum.  °C. 24.6 27.1 26 27.7 28 27.9 25.6 27 27 26 28.2 26 28.8 27.6 25 26 27.8 28.5 28 5 28 5 28 5 28 5 28 5 28 5 28 | Minimum.  2C. 23 22: 2 22: 9 23: 3 22: 8 22: 7 23 22: 1 22: 7 23 22: 2 22: 1 21: 5 19: 3 19: 4 18: 6 19: 8 19: 8 21: 3 22: 2 22: 2 22: 1 21: 3 22: 2  | Maximum.  *C. 29.6 29.8 27.6 27.8 27.8 29.7 30.3 29.6 29.8 33.6 33.6 33.6 33.1 29.1 29.1 30.5 30.2 30.9 33 35  | Minimum.  °C. 20. 2 21. 9 22. 8 20. 7 21. 6 21. 7 22. 4 21. 8 21. 4 21. 9 21. 6 20. 2 20. 8 21. 6 20. 8 21. 6 20. 8 21. 6 20. 8 21. 6 20. 8 21. 6 20. 8   | Maximum. 31.6 31.8 30.6 31.8 33.4 31 29.4 30.7 29.9 30.9 31.1 30.3 30.9 31.6 31.6 31.6 31.3 31.8 33.8                   | Minimum.  *C. 17.8 19.7 18.8 19.7 19.3 19.7 18.7 21.1 1 21.6 21.8 21.2 20.2 21.2 22.2 21.8 5 19.9 18.8 19.9 18.8 18.9 18.8 21.2 21.2 21.2 22.2 22.2 21.8 5 18.8 18.9 9 18.8 21.2 21.5 21.5 | Maximum. 32. 2 30. 8 31. 2 31. 1 32. 7 31. 2 31. 3 30. 2 30. 1 31. 9 31. 2 32. 8 32. 7 32. 8 32. 6 33. 6 33. 6 33. 6 33. 6 33. 6 33. 6 33. 6 35. 6 5 36. 5  | Mini-mum.  *C. 17. 5. 18. 4. 19. 2. 17. 3. 19. 1 19. 6. 18. 20. 5. 20. 5. 20. 1. 19. 5. 19. 4. 19. 3. 18. 2. 17. 3. 17. 17. 20. 2. 18. 2. 20. 5. | Maximum.  *C. 30.6 31.3 33.3 31.7 31. 31.2 31.4 30.9 31.1 30.8 30.9 30.4 29.7 29.6 30.4 29.9 30.4 30.4 30.7 30.9 30.7 30.9       | Minimum.  *C. 18.6 20 19.6 18.4 17.9 18.8 19.3 17.5 19 20.9 20.5 20.4 20.1 19.1 20.3 20.4 19.8 19.2 19.2 19.5 18.2 19.5   | Maximum. 31.4 30.9 31.9 32.1 32.4 31.5 32.1 32.9 33 31.4 30.6 32.6 32.3 30.4 31.4 32.4 32.1 33 33.4 33.4 33.6  | Minimum.  °C. 18.5 17.5 18.6 17.5 20.3 21. 20.5 20.5 20.5 20.6 20 18.5 19.1 19.9 19.1 19.9 18.8   | Maximum.  *C. 35.4 34.2 34.5 35.5 36.5 35.5 36.5 34.2 34.2 34.2 34.2 34.3 35.5 35.5 36.3 36.5 37.3   | Minimum.  °C. 19.4 19.5 17.5 17.7 18.2 19.8 20.7 21 21.3 20.7 20.3 20.5 20.6 20.3 19.8 19.8 19.8 20.7   | Maximum.  *C. 29 27. 2 27. 5 29 28. 3 29. 5 29 27. 7 29. 1 30. 5 27. 5 28 28. 1 28. 6 28. 8 27. 9 29. 5   | Minmu 19. 21. 21. 19. 20. 21. 20. 20. 21. 21. 21. 21. 21. 21. 20. 22. 21. 20. 21. 21. 20. 21. 20. 21. 20. 21. 20. 21. 20. 21. 20. 20. 21. 20. 20. 21. 20. 20. 20. 20. 20. 20. 20. 20. 20. 20 |
|      | Maximum.  °C. 24.6 27.1 26 27.7 28 27.9 25.6 27 27 26 28.2 26 28.8 27.6 25 26 27.8 28.5 28 5 28 5 28 5 28 5 28 5 28 5 28 | Minimum.  C. 23 22: 22: 22: 22: 22: 22: 22: 22: 23: 22: 23: 23  | Maximum.  *C. 29.6 29.6 29.2 28.6 27.6 30.1 27.8 27.4 29.7 30.3 27.4 29.9 30.1 29.4 30.5 30.2 30.9 33 35 35  | minimum.  °C. 20. 2 21. 9 22. 8 20. 7 21. 6 23. 2 22. 4 21. 9 21. 6 20. 8 21. 4 21. 9 21. 6 20. 8 21. 4 20. 8 21. 4 20. 8 21. 6 21. 6 21. 6 22. 8   | Maxi- mum.  °C. 31.6 30.6 30.8 30.0 30.7 29.7 29.9 30.9 31.1 30.3 30.3 31.6 31.3 31.6 31.3 31.6 31.3 33.8 33.8          | Minimum.  **C.* 17.8 8 19.7 18.8 8 17.5 5 19.3 19 7 18.7 21.1 1 21.6 21.8 21.2 22.2 22.2 21.6 19.2 21.8 18.8 8 19.9 18.6 18 18 9 18.8 8 21.2 21.5 21.5                                     | Maximum   | Minimum.  *C. 17.5 18.4 19.2 17.3 19.1 19.6 18.20.5 20.5 20.1 19.3 19.3 19.5 19.3 17.5 17.3 17 20.2 18.2 20.5 20.5 20.7 21.3                     | Maximum.  **C. 30.6 31.3 33.3 31.7 31.2 30.9 31.1 30.8 30.9 31.1 30.4 29.7 29.6 30 4 30.4 30.3 30.7 30.7 30.9 31.8               | Minimum.  °C. 18. 6 20 19. 6 18. 4 17. 9 18. 8 19. 3 17. 5 19 20. 9 20. 5 20. 4 20. 1 19. 1 20. 3 20. 4 19. 8 19. 1 19. 2 19. 2 19. 2 19. 5 18. 1 19. 5 18. 1 20. 5       | Maximum.  *C. 31.4 30.9 31 31.9 32.1 32.4 31.4 30.6 32.6 32.6 32.30.5 30.4 31.4 32.1 33.4 32.1 33.4 32.6 36.6 36.6                                   | Minimum.  °C. 18.2 18.5 17.5 18 19 17.8 18.6 17.5 20.5 20.5 20.5 20.5 20.1 21.6 20.6 19.1 19.9 18.8 19.6 19.2 21.2                        | Maximum.  °C. 35.4.4 34.2 34.5 35.5 36.5 36.5 35.5 34.2 34.2 34.2 34.2 34.2 34.3 35.2 34.3 35.2 34.3 35.6 36.3 36.6 36.5   | Minimum.  *C. 19.4 19.5 17.5 17.7 18.2 19.2 19.2 19.2 20.7 20.3 20.5 20.6 20.6 20.8 19.8 19.8 19.8 19.7 20 19.8 20.6 20.6 20.6 20.6 20.6 20.6 20.6 20.6 | Maximum.  *C. 29 27. 2 27. 5 29 28. 3 29. 5 27. 7 29. 1 29. 28. 1 30. 5 27 25. 8 27. 5 28. 6 28. 8 27. 9 29. 5 30. 8 31. 2 29. 2 28. 7  | Min mu 19. 20. 17. 21. 20. 20. 20. 19. 19. 21. 21. 21. 20. 22. 21. 20. 22. 21. 20. 22. 21. 20. 22. 21. 22. 22. 22. 22. 22. 22. 22. 22  |
|      | Maximum.  °C. 24.6 27.1 26 27.7 28 27.9 25.6 27 27 26 28.2 26 28.8 27.6 25 26 27.8 28.5 28 5 28 5 28 5 28 5 28 5 28 5 28 | Minimum.  2C. 23 22: 2 22: 9 23: 3 22: 2 22: 1 22: 7 23 22: 2 22: 1 21: 5 19: 3 19: 4 18: 6 19: 8 19: 8 21: 2 22: 2 22: 2 22: 1 21: 5 22: 2 22: 1 21: 5 22: 2 22: 1 21: 5 22: 2 22: 1 21: 5 22: 2 22: 1 21: 5 22: 2 22: 1 21: 5 22: 2 22: 2 22: 2 22: 1 21: 5 22: 2 24: 5 | Maximum.  *C. 29.6 29.6 29.7 8 27.6 30.1 29.8 27.4 29.7 30.3 29.8 33.6 32.9 30.1 31.2 30.5 30.1 31.2 30.5 30.1 31.2 30.5   | minimum.  °C. 20. 2 21. 9 22. 8 20. 7 21. 6 23. 2 22. 4 21. 9 21. 4 21. 9 21. 6 20. 2 20. 8 19. 6 19. 5 19. 1 18. 4 20. 2 20. 8 21. 4 21. 9 20. 8 21. 4 21. 6 20. 2 20. 8 21. 6 20. 8 21. 6 20. 8 21. 6 20. 8 21. 6 20. 8 21. 6 20. 8 21. 6 20. 8 21. 6 20. 8 21. 6 20. 8 21. 6 21. 8 21. 6 22. 8 23. 1   | Maximum. 31.6 31.8 30.6 31.8 33.4 31 29.4 30.7 29.9 31.1 30.3 31.6 31.6 31.2 32.3 33.8 33.8 33.8 33.8 33.8 33.8 33      | Minimum.  17.8 19.7 18.8 19.7 19.7 19.7 121.1 21.6 21.8 21.2 20.2 21.2 21.2 21.2 21.8 18.9 18.8 19.9 18.8 21.2 21.5 21.5   | Maximum. 32.2 30.8 31.2 31.1 32.7 32 31.3 30.2 30.1 31.9 31.2 32.8 32.7 32.8 33.6 33.6 33.6 33.6 33.6 33.6 33.6 33  | Mini-mum.  *C. 17. 5. 18. 4. 19. 2. 17. 3. 19. 1 19. 6. 18. 20. 5. 20. 5. 20. 1. 19. 5. 19. 4. 19. 3. 18. 2. 17. 3. 17. 17. 20. 2. 18. 2. 20. 5. | Maximum.  *C. 30.6 31.3 33.3 31.7 31.2 31.2 31.4 30.9 31.1 30.8 30.9 30.4 29.7 29.6 30 429.9 30.4 30.3 30.7 30.9 31.8 31.9       | Minimum.  *C. 18.6 20 19.6 18.4 17.9 18.8 19.3 17.5 19 20.9 20.5 20.4 20.1 19.1 20.3 20.4 19.8 19.2 19.2 19.5 18.2 19.5   | Maximum. 31.4 30.9 31.9 32.1 32.4 31.5 32.1 32.9 33 31.4 30.6 32.6 32.3 30.4 31.4 32.4 32.1 33 33.4 33.4 33.6  | Minimum.  °C. 18. 5 17. 5 18. 6 17. 5 20. 3 21 21. 5 20. 5 20. 5 20. 6 20 18. 5 19 19. 1 19. 9 18. 8 19. 6 19 21. 2 22. 4 22 21. 1 20. 7  | Maximum.  **C.* 35.4* 34.2* 34.5* 35.5* 36.5* 35.5* 34.2* 34.2* 34.2* 34.2* 34.2* 34.2* 34.3* 35.5* 36.3* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 36.5* 37.5* 36.5* 36.5* 36.5* 37.5* 36.5* 36.5* 36.5* 36.5* 37.5* 36.5* 36.5* 36.5* 36.5* 37.5* 36.5* 36.5* 36.5* 37.5* 36.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 37 | Minimum.  *C. 19.4 19.5 17.5 17.7 18.2 19.8 20.7 21.3 20.7 20.3 20.5 20.6 20.6 20.6 20.6 20.6 20.6 21.4 21.4 20.5                                       | Maximum.  *C. 29 27. 2 27. 5 29 28. 3 29. 5 29 27. 7 29. 1 30. 5 27. 9 28. 1 30. 5 27. 5 28 28. 1 28. 8 27. 9 29. 28. 1 28. 8 27. 9 29. 28. 1 28. 8 27. 9 29. 28. 1 28. 8 27. 9 29. 28. 7 29. 28. 7           | Min mu  19. 21. 21. 19. 20. 20. 20. 20. 20. 17. 17. 17. 17. 17. 17. 17. 17. 17. 17   |
|      | Maximum.  °C. 24.6 27.1 26 27.7 28 27.9 25.6 27 27 26 28.2 26 28.8 27.6 25 26 27.8 28.5 28 5 28 5 28 5 28 5 28 5 28 5 28 | Minimum.  C. 23 22: 22: 22: 22: 22: 22: 22: 22: 23: 22: 23: 23  | Maximum.  *C. 29.6 29.6 29.2 28.6 27.6 30.1 27.8 27.4 29.7 30.3 27.4 29.4 29.1 29.4 30.5 30.2 30.1 31.2 30.9 33 35 35  | minimum.  °C. 20. 2 21. 9 22. 8 20. 7 21. 6 23. 2 22. 4 21. 9 21. 6 20. 8 21. 4 21. 9 21. 6 20. 8 21. 4 20. 8 21. 4 20. 8 21. 6 21. 6 21. 6 22. 8   | Maxi- mum.  °C. 31.6 30.6 30.8 30.0 30.7 29.7 29.9 30.9 31.1 30.3 30.3 31.6 31.3 31.6 31.3 31.6 31.3 33.8 33.8          | Minimum.  **C.* 17.8 8 19.7 18.8 8 17.5 5 19.3 19 7 18.7 21.1 1 21.6 21.8 21.2 22.2 22.2 21.6 19.2 21.8 18.8 8 19.9 18.6 18 18 9 18.8 8 21.2 21.5 21.5                                     | Maximum   | Minimum.  *C. 17.5 18.4 19.2 17.3 19.1 19.6 18.20.5 20.1 19.5 19.4 19.3 18.2 17.9 17.5 17.3 17.5 17.3 17.5 20.2 18.2 20.5 20.7 21.3 20.7         | Maximum.  **C. 30.6 31.3 33.3 31.7 31.2 30.9 31.1 30.8 30.9 31.1 30.4 29.7 29.6 30 4 30.4 30.3 30.7 30.7 30.9 31.8               | Minimum.  *C. 18.6 20 19.6 18.4 17.9 18.8 19.3 17.5 19 20.9 20.5 20.4 19.1 19.2 18.2 19.2 18.2 19.5 19.5 19.5 19.5  | Maximum. 31.4 32.1 32.1 32.1 32.1 32.2 33.4 31.4 31.4 32.6 32.6 32.6 32.1 33.4 31.4 32.4 31.5 33.1 34.1 35.6 30.5 30.5 30.5 30.5 30.5 30.5 30.5 30.5 | Minimum.  °C. 18.2 18.5 17.5 18 19 17.8 18.6 17.5 20.3 21 21.5 20.4 21 20.6 20 18.5 19 11 19.9 18.8 19.6 19 21.2 22.4 22.4 22.4           | Maximum.  *C. 35.4 34.2 34.2 34.5 35.5 36.5 35.5 34.5 34.2 34.2 34.3 35.2 34.2 34.8 35.2 34.8 35.5 36.5 36.5 36.5 36.6 36.5 37.3 35.5 34.6 36.6 36.5   | Minimum.  *C. 19.4 19.5 17.5 17.7 18.2 19.2 19.8 20.7 20.3 20.5 20.6 20.6 20.6 20.6 20.6 21.6 21.4 20.5   | Maximum.  *C. 29 27. 2 27. 5 29 28. 3 29. 5 29 29. 3 27. 7 29. 1 29 26. 9 28. 1 30. 5 27 25. 8 27. 5 28 28. 1 28. 6 28. 8 27. 9 29. 5 30. 8 31. 2 29. 7 28. 7 28. 7   | Mir mun  **C 19:: 21 21:: 20:: 20:: 20:: 20:: 20:: 20:: 20::   |
|      | Maxi-mum.  °C. 24.6 27.7 26. 27. 7 26. 3 28. 2 27. 6 25. 6 27. 8 28. 5 26 28. 8 28. 5 29. 4 30. 2 30. 4 29. 4 29. 3      | Minimum.  223 222, 2 223, 3 222, 2 223, 2 224, 2 225, 2 227 23 222, 2 221, 1 21, 5 19, 3 19, 4 18, 6 19, 8 19, 8 19, 8 19, 8 21, 3 22, 2 22, 2 22, 1 24, 5 22, 9 24, 5  | Maximum.  *C. 29.6 29.2 28.6 27.8 27.8 27.4 30.3 29.6 29.8 33.6 29.8 33.6 32.1 30.1 31.2 30.9 33 35 32 30.1 30.8   | minimum.  *C. 20. 2 21. 9 22. 8 20. 7 21. 6 21. 7 22. 4 21. 8 21. 4 21. 9 21. 6 20. 8 21. 4 20. 8 21. 4 20. 8 21. 6 20. 8 21. 6 20. 8 21. 6 20. 8 21. 6 20. 8 21. 6 20. 8 21. 6 20. 8 21. 6 20. 8 21. 6 20. 8 21. 6 20. 8 21. 6 20. 8   | Maximum.  *C. 31.6 30.6 30.8 33.4 31 29.7 29.7 29.7 29.9 30.9 30.3 30.9 30.3 31.6 31.6 31.3 31.6 31.3 31.6 31.3 31.3    | Minimum.  *C. 17.88 19.7 18.8 19.7 19.3 19.7 18.7 21.1 1 21.6 21.2 20.2 21.2 22.2 21.8 5 18.8 8 19.9 18.6 18.9 18.8 8 21.2 21.2 21.2 21.2 21.2 21.2 21                                     | Maximum. 32.2 30.8 31.2 31.1 32.7 32.8 31.1 2 31.3 30.2 30.1 9 31.2 32.8 32.7 32.8 32.6 33.6 33.6 33.6 33.6 33.6 33.8 34.1 36.5 5.6 33.8 34.8 34.8 34.8   | Mini-mum.  *C. 17.5 18.4 19.2 17.3 19.1 19 19.6 18 20.5 20.5 20.5 19.3 19.4 19.3 18.2 17.9 17.7 20.2 18.2 20.7 21.3 20.7                         | Maximum.  °C. 30.6 31.3 33.3 31.7 31.2 31.4 30.9 31.9 30.8 30.1 30.4 29.7 29.6 30.4 29.9 30.4 30.3 30.7 30.9 31.8 31.9 34.8 32.8 | Minimum.  °C. 18. 6 20 19. 6 18. 4 17. 9 18. 8 19. 3 17. 5 19 20. 9 20. 5 20. 4 20. 1 19. 1 20. 3 20. 4 19. 8 19. 8 19. 5 20. 1 19. 5 18. 2 19. 2 19. 5 20. 5 20. 9 19. 7 | Maximum.  *C. 31.4 30.9 31 32.1 32.4 31.5 32.1 32.9 33 31.4 30.6 32.6 32.6 32.1 33.4 33.1 33.4 33.6 36.6 31.5 36.6 31.5                              | Minimum.  °C. 18. 5 17. 5 18. 6 17. 5 20. 3 21 21. 5 20. 5 20. 5 20. 6 20 18. 5 19 19. 1 19. 9 18. 8 19. 6 19 21. 2 22. 4 22 21. 1 20. 7  | Maximum.  **C.* 35.4* 34.2* 34.5* 35.5* 36.5* 35.5* 34.2* 34.2* 34.2* 34.2* 34.2* 34.2* 34.3* 35.5* 36.3* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 36.5* 37.5* 36.5* 36.5* 36.5* 37.5* 36.5* 36.5* 36.5* 36.5* 37.5* 36.5* 36.5* 36.5* 36.5* 37.5* 36.5* 36.5* 36.5* 37.5* 36.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 37.5* 36.5* 36.5* 37.5* 36.5* 37 | Minimum.  *C. 19.4 19.5 17.5 17.7 18.2 19.8 20.7 21.3 20.7 20.3 20.5 20.6 20.6 20.6 20.6 20.6 20.6 21.4 21.4 20.5                                       | Maximum.  *C. 29 27. 2 27. 5 29 28. 3 29. 5 29 27. 7 29. 1 30. 5 27. 9 28. 1 30. 5 27. 5 28 28. 1 28. 8 27. 9 29. 28. 1 28. 8 27. 9 29. 28. 1 28. 8 27. 9 29. 28. 1 28. 8 27. 9 29. 28. 7 29. 28. 7 29. 28. 7 | Min mu  19. 21. 21. 19. 20. 20. 20. 20. 20. 17. 17. 17. 17. 17. 17. 17. 17. 17. 17   |

<sup>&</sup>lt;sup>n</sup> The maximum temperatures of this station seem to be too low.

# METEOROLOGICAL BULLETIN.

Maximum and minimum temperatures at the stations of the Weather Bureau, March, 1918—Continued.

|   | Dag   | upan.   | Boli   | nao.  | Bag   | guio.   | San Fe<br>Un  | rnando,<br>ion.  | Ech  | agüe.   | Can   | idon.   |
|---|---|---|--|---|---|---|---|--|--|---|---|---|
| Day.  | Maxi-<br>mum.   |   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   |
| 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 11. 12. 12. 13. 14. 15. 16. 16. 17. 18. 19. 20. 21. 22. 23. 24. 22. 25. 26. 27. 28. 29. 30. 31. Mean | 34<br>31, 8<br>35, 1<br>30, 8<br>31, 1<br>34<br>32<br>31, 6<br>33, 9<br>31, 1<br>29, 1<br>29, 2<br>33, 7<br>34, 3<br>34, 3<br>34, 3<br>34, 3  | °C. 20. 1 19. 8 20. 4 21 20. 1 20. 1 20. 4 20. 1 20. 6 22 21. 2 20. 6 21 22 23. 5 22. 6 20. 9 20. 1 20. 5 21. 6 21. 5 22. 8 22. 8 22. 7 23  | °C. 33 32.9 32.9 32.7 34.2 32.1 32.4 33 32.1 32.7 31.7 30.6 30 31 32 31.8 32.4 31.9 33.7 32.9 33.7 32.3 34 32.4 33.4 33.4  | °C. 21. 3 20. 7 21. 7 21. 9 21 22 21. 9 19. 6 20. 8 22. 2 21. 1 21. 6 22. 5 24 23 22. 1 21 21. 22. 3 22. 6 21. 2 24. 3 22. 6 21. 2 24. 3 22. 3 21. 9 24. 1 21 21. 2 22. 3 23. 3 22 21. 9 24. 1 21 22. 1 | °C. 23.8 22.8 23.9 23.8 24.5 24.5 22.1 22.4 22.1 21.7 21.8 21.3 22.6 23.9 24.9 24.9 24.5 25.9 25.9 24.9 24.5 25.9 25.9 26.9 27.9 28.8 | °C. 13. 3 12. 2 11. 9 11. 7 12. 4 12. 3 12. 8 12. 13. 5 13. 7 12. 6 11. 9 12. 1 12. 3 13. 2 12. 9 12. 1 14. 4 14. 4 14. 4 14. 4 14. 4 13. 4 14. 4 13. 7 | °C. 30.3 30.5 31.5 31.1 31.3 30.6 30.6 31.3 34 32 31.5 33.3 32.1 30.7 30.8 31.6 32.1 31 32 31.5 33.3 33.1 32.1 31.5 33.3 33.1 32.1 33.3 33.1 33.3 33.1 33.3   | °C. 20. 3 20 19. 3 20. 5 19. 2 20 18. 8 20. 5 21. 7 21 20. 9 22. 9 21. 1 18. 3 20. 6 20. 6 20. 6 21. 1 21. 1 21. 1 21. 1 21. 1 21. 2 23. 9 25. 5 21. 5 | °C. 30. 28.5 26.6 30. 28.4 31. 30. 29.7 30. 29.5 28.8 29.9 29.6 29.1 28.1 31.5 32.6 32.6 31.5 33.5 33.5 33.5 33.5 33.5 33.5 33.5 | °C. 19, 7 20, 3 18, 5 17, 1 18, 8 16, 7 17, 5 17, 4 20, 1 20, 2 21, 4 20 20, 3 19, 2 18, 2 18, 3 19, 9 19, 6 22, 2 20, 1 20, 2 20, 1 20, 3 19, 5 19, 9 19 19, 6 22, 2 20, 6 19, 5 | °C. 32, 4 32, 5 32 32, 5 32 32, 7 32, 5 32, 6 32, 4 32, 5 32, 6 32, 4 32, 5 32, 6 32, 2 31, 5 32, 6 32, 7 32, 6 32, 7 32, 6 32, 7 32, 6 32, 7 32, 6 32, 7 33, 6 33, 2 33, 4 33, 2 33, 4 33, 7 33, 6 | °C. 22.5 21.5 22.7 22.2 22.2 22.1 2 21.5 22.1 22.1 22.2 22.1 22.1   |
| _   | Vig   | an.   | Tugue  | garao.  | Laos  | ag. a   | Apa   | ırri.  | Ca<br>Boje   | pe<br>ador.   |   | nto<br>ingo,<br>ines.   |
| Day.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   |
| 1   | °C.<br>30. 1<br>34. 6<br>31. 2<br>30. 6<br>31. 7<br>30. 3<br>30. 1<br>31. 4<br>31. 7<br>30. 2<br>30<br>31. 3<br>31. 1<br>28. 5<br>30. 1<br>30. 1<br>28. 5<br>30. 1<br>30. 7<br>30. 7<br>30. 7<br>30. 6<br>30. 7<br>30. 7 | °C.<br>21.5<br>20.9<br>23.6<br>21.8<br>22.5<br>21.7<br>21.9<br>21.6<br>22.1<br>21.6<br>22.1<br>21.6<br>22.1<br>22.3<br>19.8<br>19.5<br>20.2<br>20.2<br>20.2<br>23.2<br>23.6<br>24.3<br>23.6<br>24.3<br>23.6<br>24.3<br>25.5<br>26.6<br>26.6<br>26.6<br>26.6<br>26.6<br>26.6<br>26.6 | °C.<br>31.5<br>27.8<br>26.8<br>30.6<br>32.31.1<br>32.8<br>31.6<br>33.3<br>30.1<br>29.2<br>29.4<br>27.8<br>32.7<br>32.8<br>32.7<br>33.8<br>34.4<br>33.3<br>34.5<br>35.6<br>35.6<br>35.7<br>33.8<br>34.4<br>35.6<br>37.5<br>37.6<br>37.6<br>37.6<br>37.6<br>37.6<br>37.6<br>37.6<br>37.6 | °C. 18.2 19.8 19.8 19.8 19.7 17.7 17.3 19.8 21.1 20.7 20.1 20.6 20.5 19.9 18.2 18.4 19.7 19.8 21.3 21.1 20.9 22.7 21.3  | °C. 35. 35. 35. 35. 35. 36. 36. 36. 36. 36. 36. 36. 36. 36. 36  | °C. 17. 4 19. 1 16. 8 17 18 17. 3 15. 7 16 18. 1 20. 4 20 20. 1 521. 2 20. 15. 8 517. 1 19 18. 5 21. 8 20. 5 21. 2 20. 1 5 21. 2 20. 5 24. 2 23         | °C.<br>28<br>25. 8<br>25. 8<br>28. 7<br>29. 28. 7<br>29. 28. 8<br>28. 5<br>30. 27. 7<br>25. 4<br>23. 6<br>27. 4<br>26. 27. 4<br>26. 30. 3<br>32. 22. 8<br>31. 5<br>31. 5<br>31. 6<br>27. 8<br>31. 5<br>31. 6<br>29. 8<br>31. 5<br>31. 6<br>32. 8<br>31. 5<br>31. 6<br>32. 8<br>31. 5<br>31. 6<br>32. 8<br>31. 6<br>32. 8<br>32. 8 | °C. 18 20. 8 20. 8 20. 8 19. 5 18. 8 19. 5 18. 8 20. 5 21. 6 20. 5 20. 5 20. 5 20. 5 21. 1 19. 3 20. 5 22. 5 20. 3 20. 5 20. 3                         | °C. 28.8 26.4 31.4 31.6 29.4 28.4 31.4 32.2 25.8 8 26.4 52.7 6 31.30.3 29.4 29.5 30.2 30.2 30.2 30.2 30.2 30.2 30.2 30.2         | °C. 19.4 20.6 20.2 21 20.6 20.2 21.4 22.6 21.4 20.4 19.6 20.2 21.6 20.2 21.9 22.2 23.6 24.4 24.4  | o C. 24. 4 24. 26. 8 26. 7 26. 6 27. 2 28. 4 28. 3 21 22 23. 2 25. 5 27. 5 28. 9 27. 9 30. 2 29. 1 24. 1 26 28. 7   | °C. 20.3 18.1 18.4 6 21.2 20.8 20.1 20.9 21.4 22 18.6 6.5 18.1 6.5 18.1 6.5 21.2 21.1 6 20.5 4 23 21.2 21.1 6 22.5 4 23 21.2 21.1 6 |

<sup>&</sup>lt;sup>2</sup> The maximum temperatures of this station are not reliable: they seem to be too high.

.

# SEISMOLOGICAL BULLETIN FOR MARCH, 1918.

By Rev. MIGUEL SADERRA MASÓ, S. J., Chief, Seismic and Magnetic Divisions, Weather Bureau.

#### EARTHQUAKES FELT IN THE PHILIPPINES.1

- 2, 13<sup>h</sup> 30<sup>m</sup> 46<sup>s</sup> \* [2, 21<sup>h</sup> 30<sup>m</sup> 46<sup>s</sup>]. Cuyo Island. Oscillatory earthquake, direction N-S, intensity II-III, duration 3 seconds.
- 9, 8h 17m 10s\* [9, 16h 17m 10s]. Samar, Leyte and NE Mindanao. Earthquake of intensity VI-VII. From the reports received we deduce that the origin was within the island of Leyte, in its southern portion, where converge two seismo-tectonic lines.<sup>2</sup> The meizoseismic area where the shocks reached intensity VI-VII was rather small, but all the reports which came from towns placed in it give a duration of over 30 seconds. It was perceptible through the island of Samar and in the NE portion of Mindanao, at distances of 200 kilometers in the N-S direction. As there are not indications of it having been felt in Cebu and Bohol Islands, not so distant toward the W, it seems that the isoseisms had an elliptic form, the longer axis extraordinarily extended in the N-S direction, approximately corresponding with the configuration of the island of Leyte and its main tectonic lines. This shock was not recorded outside of our Archipelago.
- At 8<sup>h</sup> 29<sup>m</sup> [16<sup>h</sup> 29<sup>m</sup>] occurred an aftershock felt within the meizoseismic area, and recorded only at Butuan. The seismograph of this station registered also a second lighter aftershock at 8<sup>h</sup> 35<sup>m</sup> [16<sup>h</sup> 35<sup>m</sup>].
- 9,  $23^h$   $01^m$  [10,  $7^h$   $01^m$ ]. Butuan (N Mindanao). Oscillatory earthquake of intensity III, duration 8 seconds.
- $10,\,10^{\rm h}\,24^{\rm m}$  [10,  $18^{\rm h}\,24^{\rm m}$ ]. Basco (Batanes Islands). Oscillatory earthquake, direction NW–SE, intensity IV, duration 6 seconds.
- 17,  $1^h$   $54^m$  [17,  $9^h$   $54^m$ ]. Cape Bojeador (NW Luzon). Earthquake shock of intensity II-III.
- 19,  $5^h$   $53^m$  [19,  $15^h$   $32^m$ ]. Guam (Mariana Islands). Earthquake of intensity III. This earthquake seems to be the one recorded at Sydney, Manila, Osaka and Ottawa, approximately on the same hour; the origin of which lay E of New Guinea.
- $20, 10^{\rm h} \ 33^{\rm m} \ 15^{\rm s} *$  [20,  $18^{\rm h} \ 33^{\rm m} \ 15^{\rm s}$ ]. Naga (SE Luzon). Oscillatory earthquake, direction N-S, intensity IV, duration 7 seconds preceded by subterranean rumbling. It was also recorded at Butuan, Mindanao, its origin probably was somewhere to the NW of Masbate Island.
- $20, 11^h 50^m [20, 19^h 50^m]$ . Baguio (W Luzon). Earthquake shock of intensity II–III. In the same place there occurred similar local shocks on the 23d at  $1^h 21^m [9^h 21^m]$  and on the 28th at  $21^h 18^m [29, 5^h 18^m]$ .

<sup>2</sup> "The relation of seismic disturbances in the Philippines to the geologic structure," by M. Saderra Masó and Warren D. Smith.

<sup>&</sup>lt;sup>1</sup> The intensity of earthquakes is given in the notation known as the Rossi-Forel scale. The time is that indicated by the seismographs at the Central Observatory whenever the disturbance has been registered by them. This fact is denoted by an asterisk (\*). Otherwise the time is that noted by the observer who sent the report. All time indications are in Greenwich mean time (midnight= $0^h$ ), insular time being added in brackets for the convenience of Philippine readers.

#### RECORDS OF THE MICROSEISMOGRAPH.

[Time: Greenwich mean. Midnight=0h. Instrument: Wiechert seismograph; 1,000 kilograms.  $A_N$ :  $T_0=5.9$ ,  $\epsilon=2.340$ ,  $\frac{r}{T_0^2}=0.024$   $A_E$ :  $T_0=5.3$ ,  $\epsilon=1.783$ ,  $\frac{r}{T_0^2}=0.092$ . Alluvium. 240 meters above sea level.]

|    |    |     |                  |   |          |                      |                      |         | Ampl                | itude.              |                               |
|----|----|-----|------------------|---|----------|----------------------|----------------------|---------|---------------------|---------------------|-------------------------------|
| No | Da | te. | Character.       | Phase.  | н        | our.                 |                      | Period. | A <sub>N</sub><br>μ | Α <sub>E</sub><br>μ | Remarks.                      |
|    | 98 | .1  | Ιν               | eP<br>F   | h.<br>13 | m.<br>19<br>22       | s.<br>18             |         |                     |                     |                               |
|    | 99 | 2   | $I_{\mathbf{v}}$ | eP<br>F   | 2        | 35<br>38             | 32                   |         |                     |                     |                               |
| 10 | 00 | 2   | lv               | eP<br>F   | 13       | 30<br>34             | 46                   |         |                     |                     | Cuyo Island.                  |
| 10 | 01 | 5   | Iv               | e<br>F  | 21       | 24<br>39             |                      |         |                     |                     |                               |
| 10 | 02 | 6   | Iv               | eP<br>F   | 17       | 40 <b>4</b> 2        | 10                   |         |                     |                     |                               |
| 10 | 03 | 8   | Ĭv               | eP<br>F   | 5        | 41<br>43             | 09                   |         |                     |                     |                               |
| 10 | 04 | 9   | Iv               | eP<br>L<br>M <sub>N</sub><br>F  | 8        | 17<br>18<br>19<br>29 | 14                   | 6       |                     |                     | Samar, Leyte and NE Mindanao. |
| 1  | 05 | 10  | Iv               | eP<br>F   | 14       |                      | 08                   |         |                     |                     |                               |
| 1  | 06 | 10  | Iv               | eP<br>F   |          | 37                   |                      | -       |                     |                     |                               |
| 1  | 07 | 11  | Ιν               | eP<br>F   | 6        | 43<br>28             | 56                   | i       |                     |                     |                               |
| 1  | 08 | 12  | Ιv               | eP  | 12       | 31<br>45             | 49                   |         |                     |                     |                               |
| 1  | 09 | 13  | Ιv               | F<br>eP   | 12       |                      |                      |         |                     |                     |                               |
| 1  | 10 | 14  | Iv               | F<br>eP   | 10       |                      |                      |         |                     |                     |                               |
| 1  | 11 | 16  | I                | F<br><u>e</u>   |          | 17<br>56             | 13                   |         |                     |                     |                               |
| 1  | 12 | 16  | Iv               | F<br>eP   |          | 47<br>57             | 20                   |         | <br>                |                     |                               |
| 1  | 13 | 19  | Ir               | F<br>e  | 6        |                      | 22                   |         |                     |                     |                               |
| 1  | 14 | 20  | Ir               | F<br>eP   | 1        | 42<br>20             | 16                   |         |                     |                     |                               |
|    |    |     |                  | $egin{array}{c} \mathbf{L} \\ \mathbf{M_N} \\ \mathbf{F} \end{array}$ |          | 27<br>27<br>58       | 20<br>49             | 6       | 12                  |                     |                               |
| 1  | 15 | 20  | Ιv               | eP<br>F   | 2        | 54<br>57             | 07                   |         |                     |                     |                               |
| 1  | 16 | 20  | Ιν               | eP<br>L   | 10       | 33                   | 15<br>48             |         |                     |                     | Naga (SE Luzon).              |
|    |    |     |                  | $egin{array}{c} \mathbf{M_E} \\ \mathbf{M_N} \end{array}$             |          | 34<br>34             | 04<br>18             |         |                     | 77                  |                               |
| 1  | 17 | 22  | Ιv               | eP<br>F   | 11       | 50<br>20<br>22       | 10                   |         |                     |                     |                               |
| 1  | 18 | 22  | Ιv               | eP<br>F   | 19       | 24<br>26             | 06                   |         |                     |                     |                               |
| 1  | 19 | 23  | Ir               | e<br>L<br>F   | 0        | 20                   | 09<br>13             |         |                     |                     |                               |
| 1  | 20 | 24  | I⊎               | eP<br>L<br>M <sub>N</sub><br>M <sub>E</sub><br>F                      | 1        | 06<br>07<br>07       | 42<br>12<br>14<br>20 | 3       |                     | 167                 | r                             |
| 1  | 21 | 24  | Ιv               | eP<br>F   | 5        | 18<br>25             | 42                   |         |                     |                     |                               |

# SEISMOLOGICAL BULLETIN.

#### ${\it Records \ of \ the \ microseismograph} \hbox{\it ---} Continued.$

|       |       |            |   |                      | .                                  | .   | Amplitude.          |                     |          |
|-------|-------|------------|---|----------------------|------------------------------------|-----|---------------------|---------------------|----------|
| No.   | Date. | Character. | Phase.  | Hour.                | Per                                |     | A <sub>N</sub><br>μ | Ą <sub>E</sub><br>μ | Remarks. |
| 122   | 24    | Ιv         | eP<br>F   | h. m.<br>16 29 3     | s.<br>26                           |     |                     |                     |          |
| , 123 | 25    | Ιν         | eP<br>F   | 13 44 6<br>46        | 05                                 |     |                     |                     |          |
| 124   | 26    | Iv         | eP<br>F   | 7 20 8<br>24         | 53                                 |     |                     |                     |          |
| 125   | 27    | Ir         | $egin{array}{c} \mathbf{e} \\ \mathbf{S} \\ \mathbf{L} \\ \mathbf{M_N} \\ \mathbf{M_E} \\ \mathbf{F} \end{array}$ | 58<br>4 00 5<br>01 0 | 00<br>48<br><br>24<br><br>08<br>06 | 8 7 | 23                  | 19                  |          |
| 126   | 27    | Ir         | e<br>F  | 23 21 4<br>54        | 12                                 |     |                     |                     |          |
| 127   | 29    | Ιv         | eP<br>F   |                      | 15                                 |     |                     |                     |          |
| 128   | 30    | Ιv         | eP<br>F   | 15 34 3<br>36        | 38                                 |     |                     |                     |          |
| 129   | 31    | I▼         | eP<br>F   | 18 37 2<br>40        | 26                                 |     |                     |                     |          |

1557751---2

# TEMBLORES DE TIERRA SENTIDOS EN FILIPINAS. 1

- 2,  $13^h$   $30^m$   $46^s$  \*[2,  $21^h$   $30^m$   $46^s$ ]. Isla de Cuyo. Temblor oscilatorio, dirección N-S, intensidad II-III, duración  $3^s$ .
- 9, 8<sup>h</sup> 17<sup>m</sup> 10<sup>s</sup> \* [9, 16<sup>h</sup> 17<sup>m</sup> 10<sup>s</sup>]. Sámar, Leyte y NE de Mindanao. Temblor de tierra de intensidad VI-VII. Según todos los datos recibidos tuvo su origen dentro de la parte S de la Isla de Leyte, donde se cruzan dos diferentes líneas sismotectónicas.<sup>2</sup> El área meizosísmica donde el temblor tuvo intensidad VI-VII fué muy reducida, más la duración se hace pasar de 30<sup>s</sup> en los pueblos comprendidos dentro de ella. Fué perceptible en toda la Isla de Sámar y en la parte NE de Mindanao a distancias hacia el S y N de 200 kilómetros. Como no parece haberlo sido en Cebú ni en Bohol, que distan mucho menos por el W, es casi seguro que las isosismas tenían la forma de una elipse muy prolongada en la dirección N-S, que es precisamente la de la configuración de la isla y la de sus principales líneas tectónicas. Este temblor fué registrado solamente dentro del Archipiélago.

A 8<sup>h</sup> 29<sup>m</sup> [16<sup>h</sup> 29<sup>m</sup>] ocurrió una repetición perceptible dentro de la región meizosísmica y registrada tan solo por el sismógrafo de Butúan, el cual además registró otra muy débil a 8<sup>h</sup> 35<sup>m</sup> [16<sup>h</sup> 35<sup>m</sup>].

- 9,  $23^h$   $01^m$  [10,  $7^h$   $01^m$ ]. Butúan (N de Mindanao). Temblor oscilatorio de intensidad . III, duración  $8^s$ .
- $10, 10^{h} 24^{m}$  [10,  $18^{h} 24^{m}$ ]. Basco (Islas Batanes). Temblor oscilatorio, dirección NW–SE, intensidad IV, duración  $6^{s}$ .
- 17,  $1^h$   $54^m$  [17,  $9^h$   $54^m$ ]. Cabo Bojeador (NW de Luzón). Temblor de tierra de intensidad II–III.
- 19, 5<sup>h</sup> 53<sup>m</sup> [19, 15<sup>h</sup> 32<sup>m</sup>]. Guam (Islas Marianas). Temblor de tierra de intensidad III. Este temblor parece ser el registrado en Sydney, Manila, Osaka y Ottawa cerca de la misma hora y cuyo origen se hallaba hacia el E de Nueva Guinea.
- 20, 10<sup>h</sup> 33<sup>m</sup> 15<sup>s</sup> \* [20, 18<sup>h</sup> 33<sup>m</sup> 15<sup>s</sup>]. Naga (SE de Luzón). Temblor oscilatorio, dirección NNE-SSW, intensidad IV, duración 8<sup>s</sup>: precedido de ruido subterráneo. Fué registrado también en Butúan, su origen estaba probablemente al NW de la Isla de Masbate.
- 20,  $11^h$   $50^m$  [20,  $19^h$   $50^m$ ]. Baguio (W de Luzón). Temblor de tierra de intensidad II–III. En la misma localidad se sintieron además dos ligeros choques locales el día 23 a  $1^h$   $21^m$  [ $9^h$   $21^m$ ] y el 28 a  $21^h$   $18^m$  [29,  $5^h$   $18^m$ ].

<sup>2</sup> "The relation of seismic disturbances in the Philippines to the geologic structure," by M. Saderra Masó and Warren D. Smith.

¹ La intensidad de los terremotos se indica conforme a la conocida escala de Rossi-Forel. Cuanto a la hora de su ocurrencia, adoptamos la indicada por los sismógrafos de esta Observatorio siempre que los hayan registrado, distinguiéndola por medio de un asterisco (\*). En caso contrario copiamos la apuntada por los observadores que nos envían las notas. Todas las indicaciones del tiempo se refieren al tiempo medio de Greenwich (medianoche =0<sup>h</sup>). Para conveniencia de los lectores de Filipinas se añade también el tiempo insular.

551.5911 P556

> GNERAL CINCAL OCT 14 1918

THE GOVERNMEN THE PHILIPPINE ISLANDS

# WEATHER BUREAU

MANILA CENTRAL OBSERVATORY

**BULLETIN FOR APRIL, 1918** 

PREPARED UNDER THE DIRECTION OF

REV. JOSÉ ALGUÉ, S. J.

DIRECTOR OF THE WEATHER BUREAU

MANILA BUREAU OF PRINTING 1918

| 그는 사람이 하는 그 일이 가능한 경에 하기 되었다. |  |          |
|-------------------------------|--|----------|
|                               |  |          |
|                               |  |          |
|                               |  |          |
| 현업용인 목이 되는 것이 얼마 그리고 함께 되었다.  |  |          |
|                               |  | <b>₩</b> |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               | ing terminan ing kebagai mengalah pengalah berajak dalam berajak dalam berajak dalam berajak dalam berajak dal<br>Pengahan berajak dalam berajak dalam berajak dalam berajak dalam berajak dalam berajak dalam berajak dalam ber   |          |
|                               |  |          |
| 그렇게 얼마는 얼마는 이 얼마나 되어야 하는데 이다. |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
| 그 경제 고리 최고 하는 지수는 것이 되는 것이다.  |  |          |
|                               | 보안되게 하는 하고 그렇는 같은 말이 하는 것이다.   |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               | international form of the control of |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |
|                               |  |          |

# METEOROLOGICAL BULLETIN FOR APRIL, 1918.

By Rev. José Coronas, S. J., Chief, Meteorological Division of the Weather Bureau.

#### GENERAL WEATHER NOTES.

Pressure and temperature.—The mean atmospheric pressure of this month for the Philippines is somewhat below the April's normal although it is higher than the monthly mean for April, 1917. The highest pressures were almost without exception observed on the 19th while the lowest pressures were recorded on the 12th in the Visayas and Mindanao, and on the 13th in Luzon.

The mean monthly temperature for all our stations is somewhat lower than that of the preceding year and than the normal for this month. The absolute maximum and minimum temperatures for the month in Manila were 35.4° C. on the 23d, and 18.3° C. on the 6th. The extreme monthly temperatures for Baguio were 26.2° C., 13.4 C. on the top of Mirador, and 27.2° C., 12.0° C. in the valley.

PRESSURE AND TEMPERATURE AT THE FIRST AND SECOND CLASS STATIONS FOR APRIL, 1918.

|   |   |   | F                              | ressure  | •   |   |  |   |                                      | Т                                | emperat  | ure.   |  |   |
|---|---|---|--------------------------------|--|---|---|--|---|--------------------------------------|----------------------------------|--|--|--|---|
| Station.  | Mean.   | Departure<br>from<br>April,<br>1917.  | Departure from normal.         | High-<br>est<br>mean.  | Day.  | Low-<br>est<br>mean.  | Day.   | Mean.   | Departure<br>from<br>April,<br>1917. | Departure from normal.           | High-<br>est.  | Day.   | Low-<br>est.   | Day.  |
| Zamboanga Tagbilaran Surigao Cebu Iloilo Tacloban Capiz Calbayog Legaspi Atimonan Ambulong, Tanauan Paracale Manila San Isidro Dagupan Baguio a Vigan Tuguegarao Laoag Aparri | 58. 31<br>58. 48<br>58. 31<br>58. 45<br>58. 72<br>58. 68<br>59. 05<br>59. 36<br>59. 50<br>58. 45<br>59. 50<br>58. 96<br>59. 14<br>58. 26<br>636. 77 | mm.<br>+0.50<br>+.44<br>+.31<br>+.78<br>+.69<br>+.35<br>+.56<br>+.123<br>+1.07<br>+1.12<br>+1.03<br>+1.11<br>+.98<br>+.53<br>+.53<br>+.53<br>+.35<br>+.35<br>+.35<br>+.35<br>+.35 | mm0.59491340586140102155570908 | mm. 759. 62 60. 05 60. 29 60. 23 60. 22 60. 43 60. 63 61. 22 60. 57 61. 70 60. 88 61. 08 60. 04 638. 51 760. 41 61. 38 60. 18 61. 81 | 19<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>1 | mm. 756. 66 55. 80 54. 63 55. 80 56. 23 54. 50 56. 38 54. 91 56. 45 56 56. 29 56. 48 56. 83 55. 84 634. 59 755. 92 57. 80 56. 96 57. 76 | 12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>13<br>13<br>13<br>13<br>13<br>13<br>13<br>13 | °C. 25.8 25.9 25.8 27.1 26.3 27.1 25.5 26.9 26.6 27.6 27.6 27.6 27.7 28.1 27.6 27.2 27.8 26.2 | °C0.671691.11971415725               | °C.  -1.18178576 -1.1  -1.278666 | °C. 32. 31.5 31.8 32.34 32.6 33.32.6 33.1.8 32.3 31.4 35.4 36.5 26.2 34.1 38.6 | 29<br>10<br>27<br>8, 10, 21<br>16, 19<br>27<br>8<br>22<br>14<br>10<br>21<br>23<br>29<br>21<br>24<br>27<br>24 | °C. 20. 5 20. 7 21. 3 23. 5 21. 7 21. 4 22. 2 20. 6 21. 1 20 21. 5 21. 5 13. 4 21. 6 19. 6 19. 5 18. 9 20. 1 | 13<br>11<br>15<br>11<br>14<br>22<br>17<br>18<br>18<br>8<br>6<br>6<br>2<br>2<br>2<br>2<br>5,6<br>15<br>6<br>12<br>20 |

a The barometric readings of this station are not reduced to sea level.

Rainfall.—The total amount of rainfall for this month is higher than that of April, 1917, and than the normal, in Mindanao and the Visayas; but it is lower in Luzon. The monthly rainfall for Manila is only 10.2 mm., an amount which differs from that of the preceding year by -47.9 mm. and from the April's normal by -23.9 mm.

RAINFALL AT VARIOUS STATIONS OF THE WEATHER BUREAU DURING THE MONTH OF APRIL, 1918.

| Station.   | Total.   | Departure from<br>April, 1917.   | Departure from<br>normal.  | Days of rain.  | Departure from<br>April, 1917.  | Greatestrainfall<br>in a single day.   | Day.               | Station.  | Total.  | Departure from<br>April, 1917. | Departure from<br>normal.   | Days of rain.  | Departure from<br>April, 1917.   | Greatest rainfall in a single day.   | Day.   |
|--|--|--|--|--|---|--|--------------------|---|---|--------------------------------|---|--|--|--|--|
| Jolo Isabela, Basilan Zamboanga Davao Cotabato Cagayan, Misamis Dapitan Butuan Mambajao Dumaguete Yap, W. Carolines Tagbilaran Iwahig Surigao Maasin Cebu Iloilo San Jose Buenavista Cuyo Ormoc Guiuan Tacloban Capiz Borongan Catbalogan Catbalogan Calbayog Masbate Romblon Batag Sorsogon Legaspi | 98. 3 139. 2 276. 3 54. 7 5553. 2 246 18. 6 26. 1 322. 4 173. 2 59. 4 215. 7 6. 6 6. 6 35. 5 52. 7 120. 9 79. 3 154. 6 240 135. 4 74. 9 305. 7 170. 3 164. 9 17 61. 3 185. 2 59. 7 | + 32.2<br>+ 43.1<br>+ 87.9<br>+ 6.7<br>- 40.7<br>+ 252.3<br>+ 135.1<br>- 18.6<br>+ 136.8<br>+ 23.7<br>+ 20.8<br>+ 39.6<br>+ 39.7<br>+ 120.8<br>+ 39.8<br>- 31.1<br>+ 15.9<br>- 40.7<br>- 52.7<br>- 52.7<br>- 6.7<br>- 7<br>- 7<br>- 7<br>- 7<br>- 7<br>- 7<br>- 7<br>- | + 5.4<br>+ 58.2<br>- 21.7<br>+ 118.1<br>+ 400.7<br>+ 113.2<br>- 5.8<br>- 28.2<br>- 59.4<br>+ 1.2<br>- 5.8<br>+ 76.9<br>+ 2.5<br>+ 23.3<br>+ 73.6<br>- 48.9<br>- 19.9<br>+ .6 | 122<br>9 13<br>18 8 17<br>200 3 7 7 26<br>11 100 22<br>1 8 7 9 4 4 23<br>21 17 7 21 19 20 6 6 6 6 15 9 | $\begin{array}{c} -1 \\ +2 \\ -4 \\ -4 \\ -3 \\ -3 \\ -2 \\ -7 \\ -10 \\ -$ | 210<br>68. 3<br>7. 6<br>10. 4<br>76. 2<br>57. 9<br>18<br>44. 5<br>6. 6<br>17. 5<br>29<br>68. 3<br>64<br>28. 5<br>40. 2<br>17. 9<br>48. 3<br>53. 1<br>21. 8<br>5. 3<br>83. 1<br>71. 1 | 22, 24<br>26<br>12 | Calapan. Virac Naga Batangas Lucena Atimonan Ambulong, Tanauan Canlubang, Calamba Paracale Santa Cruz, Laguna Manila Antipolo Iba | 14. 2<br>39<br>36. 1<br>49. 9<br>47. 5<br>132. 3<br>74. 6<br>10. 2<br>2 |                                | - 6.3<br>+ .3<br>- 56.9<br>- 14.6<br>- 54.4<br><br>- 23.9<br>- 19.9<br>- 38.8<br>- 64.6<br>+ 172.8<br>+ 174.4<br>- 25.8<br>- 14.6<br>- 19.4<br>- 5.2<br>- 10.3<br>- 33.9<br>- 34.9<br>- 34.9<br>- 35.8<br>- 35.8<br>- 36.6<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10.9<br>- 10. | 11<br>14<br>8<br>2<br>6<br>6<br>6<br>6<br>8<br>15<br>9<br>3<br>2<br>2<br>2<br>2<br>2<br>17<br>11<br>1<br>1<br>1<br>1<br>3<br>0<br>0<br>0<br>0<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1 | -6<br>-1<br>+2<br>+5<br>+2<br>-5<br>+2<br>-7<br>-9<br>+2<br>-1<br>-4<br>-9<br>-2<br>-8<br>-3<br>-4<br>-6<br>-4<br>-7<br>-3 | 37. 8<br>28. 2<br>12. 7. 6<br>13. 7<br>23. 4<br>17. 8<br>28. 1<br>1. 5<br>1. 5<br>1. 5<br>1. 5<br>85. 6<br>1. 8<br>6. 6<br>6. 6<br>6. 6<br>6. 6<br>6. 6<br>6. 6<br>6. 6<br>7. 6<br>7 | 15<br>25<br>12<br>22<br>22<br>22<br>24<br>24<br>24<br>24<br>24<br>25<br>26<br>22<br>22<br>24<br>26<br>27<br>28<br>29<br>20<br>21<br>24<br>25<br>26<br>27<br>28<br>29<br>20<br>20<br>21<br>21<br>24<br>25<br>26<br>27<br>28<br>29<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20 |

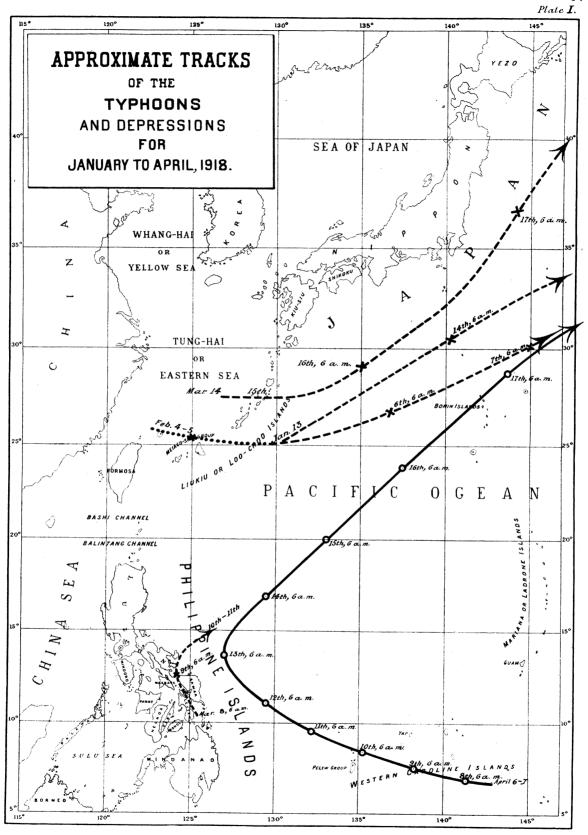
#### DEPRESSIONS AND TYPHOONS.

There was only one typhoon in the Far East during this month. Its track is given in Plate I together with a few depressions of the last two months. In the following table we publish some of the observations taken at Yap, Western Carolines, from the 5th to 12th:

METEOROLOGICAL OBSERVATIONS MADE AT YAP, WESTERN CAROLINES, APRIL 5 TO 11, 1918.

|                | Pres-          | Wind       | · .    | Rain,<br>24 hrs.          |                | Pres-        | Wind        |        | Rair<br>24 hr     |
|----------------|----------------|------------|--------|---------------------------|----------------|--------------|-------------|--------|-------------------|
| Date and hour. | sure.          | Direction. | Force. | begin-<br>ning 6<br>a. m. | Date and hour. | sure.        | Direction.  | Force. | beginning<br>a. m |
|                | mm.            |            | 0-12   | mm.                       |                | m <b>m</b> . |             | 0-12   | mm                |
| April 5:       |                |            |        |                           | April 9:       | FF0 40       | NUT         |        | 1                 |
| 6 a. m         | <b>756. 68</b> | ENE        | 1      |                           | 4 a. m         | 752. 43      | NE<br>NE    | 4      |                   |
| 2 p. m         | <b>55.31</b>   | NE         | 2      | 1                         | 6 a. m         | 52. 92       |             | 4      |                   |
| April 6:       |                |            | i      |                           | 8 a. m         | 53.64        | ENE         | 4      |                   |
| 6 a. m         |                | Calm       |        |                           | 10 a. m        | 53.82        | ENE         | 4      |                   |
| 2 p. m         | 54.20          | ENE        | 2      | 7.6                       | Noon           | 52.88        | ENE         | 5      | 17                |
| April 7:       |                |            | 1      |                           | 1 p. m         | 52. 55       | ENE         | 5      |                   |
| 6 a. m         |                | Calm       |        |                           | 2 p. m         | 52.08        | E           | 5      | l                 |
| 2 p. m         | 53.78          | ENE        | 2      | 25.2                      | 3 p. m         | 51.50        | E<br>E<br>E | 6      |                   |
| April 8:       | 1              |            |        | 1                         | 4 p. m         | 51. 95       | E           | 1 5    |                   |
| 6 a. m         |                | NEbyN      | 2      |                           | 6 p. m         | 52. 15       |             | 5      |                   |
| Noon           |                | NE         | 3      | 20.1                      | Midnight       | 53.87        | E           | 4      | i                 |
| 2 p. m         | 53. 18         | NE         | 4      |                           | April 10:      |              |             | _      | 1                 |
| 4 p. m         | 53. 44         | NEbyE      | 3      |                           | 6 a. m         | 54.38        | ESE         | 3      | I=                |
| 6 p. m         | 54.03          | NE         | 2      |                           | 2 p. m         | 55.69        | SSE         | 2      | 47                |
| 9 p. m         | 54.38          | NE         | 8      |                           | 6 p. m         | 55.29        | ESE         | 2      |                   |
| Midnight       | 54.01          | NE         | 3      |                           | April 11:      |              | ~~~         | _      | 1                 |
| April 9:       |                |            |        | 1                         | 6 a. m         | 56.42        | SSE         | 2      |                   |
| 2 a. m         | 52.85          | NE         | 4      |                           | 2 p. m         | 55.80        | SSE         | 2      |                   |

According to these observations the typhoon was probably forming on the 6th to 7th to the ESE of Yap near 143° longitude E and 7° latitude N. Its center passed S of Yap on the 9th moving W by N. The track of the typhoon, however, was inclining more and more to the NW since that day until a complete recurving of the storm to the northeast took place on the 13th to the east of southern about 150 miles from Catanduanes Island. The center of the typhoon passed across or very near the Bonin Islands on the evening or night of 16th moving still northeastward. Manila Observatory was able to announce and follow the track of this typhoon from April 11 to 17.



#### NOTAS GENERALES DEL TIEMPO.

Presión y temperatura.—La presión atmosférica media de este mes en Filipinas es algo menor que la normal de abril, aunque es mayor que la media mensual de abril de 1917. Las presiones más altas del mes se observaron casi sin excepción el día 9, al paso que las más bajas tuvieron lugar el día 12 en las Visayas y Mindanao, y el 13 en Luzón.

La temperatura media mensual en todas nuestras estaciones es algo menor que la del año pasado y que la normal de este mes. Las temperaturas máxima y mínima absolutas del mes en Manila fueron  $35.4^{\circ}$  C. y  $18.3^{\circ}$  C. observadas los días 23 y 6, respectivamente. Las temperaturas extremas del mes en Baguio fueron  $26.2^{\circ}$  C.,  $13.4^{\circ}$  C. en la cumbre del Mirador, y  $27.2^{\circ}$  C.,  $12.0^{\circ}$  C. en el valle.

Precipitación acuosa.—La cantidad total de lluvia recogida durante este mes es mayor que la de abril de 1917 y que la normal de este mes en Mindanao y en las Visayas; pero es menor en Luzón. La lluvia mensual en Manila es sólo 10.2 mm., cantidad que difiere de la del año pasado en -47.9 mm., y de la normal de abril en -23.9 mm.

#### DEPRESIONES Y TIFONES.

Un solo tifón hubo durante este mes en el Extremo Oriente. Su trayectoria va en la Lámina I juntamente con unas cuantas depresiones de los dos últimos meses. En la tabla que va en el texto inglés publicamos algunas de las observaciones hechas en Yap, Carolinas Occidentales, desde el día 5 al 12.

Según estas observaciones, el tifón se formó probablemente los días 6 al 7 al ESE de Yap cerca de 143° longitud E y 7° latitud N. Su centro pasó por el S de Yap el día 9, moviéndose al W ¼ NW. La dirección del tifón, sin embargo, fué inclinándose más y más al NW desde dicho día hasta que tuvo lugar una recurva completa del baguio al NE el día 13 al E del sur de Luzón a unas 150 millas de la Ísla de Catanduanes. El centro del tifón pasó a través o muy cerca de las Islas Bonins la tarde o noche del 16 moviéndose aún hacia el NE. Al Observatorio de Manila le fué posible anunciar y seguir la trayectoria de este tifón desde el 11 hasta el 17 de abril.

#### METEOROLOGICAL DATA FOR MANILA CENTRAL OBSERVATORY.\*

[ $\phi$ =14° 34′ 41″ N;  $\lambda$ =120° 58′ 33″ E; barometer above sea, 14.2 meters; gravity correction not applied, -1.72 mm.]

|                            |   | Air to   | empera   | ture. <sup>b</sup>  |  | Unde   | rgroui  | nd temp  | erature  |   |  |  | Rad  | liation.  | Evapo  | ration.  |
|----------------------------|---|--|--|---|--|--|---|--|--|---|--|--|--|---|--|--|
| Day.                       | Pressure (mean).  | Mean.  | Maxi-<br>mum.  | Mini-<br>mum.   | 0, 25 r  | neter.   | 0. <b>5</b> 0 r   | neter.   | 1.50<br>meters.  | 2.50<br>meters.   | Rela-<br>tive<br>humid-<br>ity<br>(mean).  | Vapor<br>pres-<br>sure<br>(mean).                                    | Mini-<br>mum<br>on   |   | posure   | Shelte   |
|                            |   |  |  |   | 8 a.m.   | 2 p.m.   | 8 <b>a.</b> m.  | 2 p. m.  | 8 a. m.  | 8 a. m.   | (mean).  |  | grass.   |   | tal).  |  |
| 1                          | 59. 20<br>58. 37  | °C.<br>26.4<br>26<br>26.2<br>26.1<br>26.1<br>25.7  | °C.<br>33. 1<br>33. 2<br>33. 6<br>32. 1<br>33. 6<br>32. 7  | °C.<br>21.8<br>19.4<br>19.6<br>20<br>19.6<br>18.3   | °C.<br>27.5<br>27.2<br>27.3<br>27.6<br>27.2  | °C.<br>29<br>29. 5<br>29. 5<br>28. 5<br>28. 9<br>29. 3                                   | °C.<br>28.2<br>28.1<br>28.1<br>28.3<br>28.1<br>27.9   | °C.<br>28.6<br>28.7<br>28.6<br>28.8<br>28.2<br>28.6  | °C.<br>27. 5<br>27. 6<br>27. 6<br>27. 9<br>27. 6<br>27. 6            | °C.<br>27. 1<br>27. 1<br>27. 1<br>27. 3<br>27. 1<br>27. 1                     | Per ct.<br>70. 1<br>70. 2<br>68<br>69. 7<br>68. 4<br>70  | mm.<br>17. 5<br>17. 1<br>16. 8<br>17. 2<br>16. 8<br>16. 9            | °C.<br>19.3<br>16.8<br>17<br>17.2<br>17<br>15.1            | °C.<br>52.8<br>54.5<br>55.2<br>51.4<br>54.8                       | mm. 5. 4 6. 9 7. 8 5. 5 5. 9 6. 2                  | mm.<br>4.3<br>4.4<br>5.5<br>4.1<br>4.6<br>4.3        |
| 7                          | 58. 01<br>58. 49<br>58. 84<br>58. 34<br>57. 20<br>56. 48  | 27. 1<br>27. 8<br>27. 7<br>26. 9<br>27. 4<br>27<br>26. 5   | 33.8<br>34.1<br>33.4<br>33.7<br>33.8<br>32.3<br>32   | 21. 1<br>21. 8<br>22. 3<br>19. 6<br>21. 8<br>22. 1<br>21. 6   | 27. 6<br>27. 7<br>28. 2<br>27. 9<br>28. 3<br>28. 3<br>28. 5  | 29. 7<br>29. 9<br>29. 9<br>29. 8<br>30. 6<br>30<br>30. 3                                 | 28. 2<br>28. 5<br>28. 7<br>28. 8<br>28. 8<br>28. 8<br>28. 9   | 28. 7<br>28. 8<br>28. 9<br>29. 1<br>29. 1<br>29. 3<br>29. 3  | 27. 8<br>27. 7<br>27. 8<br>27. 8<br>27. 8<br>28<br>28                | 27. 2<br>27. 1<br>27. 2<br>27. 2<br>27. 3<br>27. 2<br>27. 2                   | 70<br>67. 7<br>64. 8<br>67. 3<br>69<br>72. 5<br>77. 5  | 18. 2<br>18. 3<br>17. 5<br>17. 3<br>18. 5<br>19. 1<br>19. 8          | 18.5<br>18.8<br>19.5<br>16.2<br>18.9<br>19.6<br>18.9       | 53.8<br>55<br>54<br>54<br>55.2<br>54.2<br>53.9                    | 6.5<br>7.5<br>6.7<br>6.1<br>6.3<br>5.4<br>4.5      | 4.7<br>4.9<br>4.7<br>4.8<br>4.6<br>3.8<br>3.4        |
| 4<br>5<br>6<br>7<br>8<br>9 | 58<br>58.63<br>59.35<br>60.30<br>60.88<br>60.85   | 27. 3<br>26. 5<br>26. 6<br>26. 9<br>26. 7<br>26. 8<br>26. 9  | 32. 1<br>30. 2<br>31. 7<br>32. 6<br>32. 9<br>34. 5<br>34. 2  | 22. 6<br>24. 5<br>23. 9<br>22. 8<br>21. 6<br>20. 4<br>20. 8   | 28. 3<br>28. 5<br>28. 2<br>28<br>28. 2<br>27. 7<br>28. 2   | 30, 2<br>29, 6<br>29, 3<br>29, 7<br>29, 4<br>30, 1<br>30, 3                              | 28. 9<br>29<br>28. 9<br>28. 8<br>28. 8<br>28. 8   | 29. 2<br>29. 3<br>29. 2<br>29. 2<br>29. 3<br>29. 1<br>29. 2  | 28<br>28. 2<br>28. 2<br>28. 1<br>28. 2<br>28. 2                      | 27. 2<br>27. 2<br>27. 2<br>27. 3<br>27. 3<br>27. 3                            | 77.2<br>78.1<br>76.4<br>72.9<br>70.1<br>65.8<br>64.4   | 20. 6<br>20. 1<br>19. 6<br>18. 9<br>18<br>16. 8                      | 20.6<br>23<br>22.5<br>21<br>19<br>17.3<br>17.8             | 52<br>49<br>58<br>55. 4<br>52. 8<br>56. 5<br>55. 3                | 4.7<br>3.7<br>4.2<br>5.3<br>6.1<br>6.6<br>7.4      | 3. 4<br>2. 6<br>3. 1<br>3. 7<br>4. 4<br>4. 9<br>5. 3 |
| 11                         | 59. 32<br>59. 64<br>60. 71<br>60. 51<br>59. 12<br>58. 29<br>58. 02  | 26. 7<br>26. 8<br>28. 1<br>28. 1<br>26. 9<br>26. 9<br>27. 2<br>27. 9   | 34. 6<br>35. 4<br>34. 8<br>33. 4<br>32. 8<br>34. 4<br>34. 6  | 19. 7<br>20. 8<br>22. 2<br>22. 7<br>23. 3<br>22. 1<br>23. 3<br>23. 6  | 28.3<br>28.3<br>28.9<br>29<br>29.1<br>28.5<br>28.5<br>29   | 30. 4<br>30. 2<br>30. 5<br>30. 9<br>29. 5<br>29. 2<br>30. 4<br>30. 9                     | 28. 9<br>28. 9<br>29. 2<br>29. 3<br>29. 5<br>29. 2<br>29. 2<br>29. 2  | 29. 4<br>29. 4<br>29. 6<br>29. 8<br>29. 4<br>29. 1<br>29. 6<br>29. 8   | 28. 3<br>28. 2<br>28. 3<br>28. 3<br>28. 4<br>28. 5<br>28. 4<br>28. 5 | 27.4<br>27.4<br>27.4<br>27.3<br>27.4<br>27.4<br>27.4<br>27.5                  | 68. 9<br>71. 9<br>70. 9<br>70. 3<br>78. 1<br>78. 3<br>79. 2<br>70. 6   | 17. 3<br>18. 5<br>19. 3<br>19. 4<br>20. 4<br>20. 4<br>20. 9<br>19. 2 | 16.8<br>18<br>20.2<br>20.4<br>21.2<br>20.2<br>22.2<br>21.8 | 54. 2<br>55. 7<br>56<br>58. 2<br>53. 8<br>52. 9<br>59. 7<br>55. 8 | 7.1<br>5.9<br>7<br>6.5<br>3.3<br>3.9<br>4.6<br>6.5 | 4.9<br>3.8<br>5.3<br>4.7<br>2.9<br>2.7<br>3<br>4.9   |
| 9<br>0                     | 59. 23  | 27. 8<br>27. 3   | 34. 6<br>34. 8   | 21. 5<br>21. 4  | 28.8<br>29.2   | 31<br>30. 4  | 29. 3<br>29. 6  | 29. 9<br>29. 8   | 28. 4<br>28. 4   | 27. 5<br>27. 5  | 65. 5<br>66. 8   | 17. 7<br>17. 6   | 19<br>18.8   | 54<br>55.3  | 7. 5<br>6. 9                                       | 5<br>5.1   |
| Mean<br>Total              |   | 26. 9  | 33.4   | 21. 5   | 28.2   | 29.9   | 28.8  | 29.2   | 28<br>   | 27. 3   | 71<br>   | 18. 4<br>  | 19. 2  | 54. 5   | 5. 9<br>177. 9                                     | 4.3<br>127.8   |
|                            |   |  |  |   |  |  |   |  |  |   |  |  |  |   |  |  |
| Departure from<br>normal   | -0.40   | -1.2   | -0.5   | -1.2  |  |  |   |  |  |   | +1   | —1   |  |   |  |  |
|                            | -0.40   |  | -0.5 Wind.   | -1.2  |  |  |   | Clou   | ıds.   |   | +1   | Rain,  | 24 ho  |   |  |  |
| normal                     |   | To   | Wind.  | axi- D  | rection the time   | on to  |   |  | ids.   | tion.   | +1   | Rain,  | 24 ho  | a. m.   |  |  |
| Day.                       | Prevailing  | g To   | Wind.  Motal nove- ent. ve   | axi- D<br>num at<br>our-  | rirection the time of the aximus relocity  | me nou   |   |  | nd direc   | tion.   | -  | Rain,  | ning 6 a   | a. m.   | liscellar  | neous.   |
| Day.                       | Prevailing direction  E ESE ESE   | g To mo me   | Wind.  M hotal hove- ent.  we i  12 185.5 197  | axi-<br>num<br>at<br>our-<br>ly<br>meloc-<br>ty.  | the tip of the aximu relocity  ESE WNW   | me m v. 0-10 5.8 3.8 2.4   | A<br>Ci<br>Ci.  | Form a Upper. Cu. NI   | L Cu. Cu. Cu.  | ene<br>Ebyn<br>Ene  | Sun-shine.  h. m 7 48 7 48 7 40  | Rain, begins   | ning 6 s   | m. d° Ω   | a.<br>a.<br>a.                                     | neous.   |
| Day.                       | Prevailing direction EESE ESE ESE E quad. SESE SE guad  | g To mo me   | Wind.  M h tal potal potal i  m. ii  m. ii  112 118 153 197 117 12 114 22 533 20 114 22 111 111 11   | axi-<br>num at<br>our-<br>ly w<br>eloc-<br>v<br>v   | ESE<br>WNW<br>W SSE<br>SE<br>SE<br>Squad.  | me mout V 0-10 5.8 8 2.9 2.1 3 2 2.6 €   | 3 A<br>3 Ci<br>4 Ci.<br>6 A<br>6 Ci.<br>7 Ci.<br>8 A  | Form a Upper. Cu. NI S., Ci. Cu. Cu.   | E Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu.                            | ower.  ENE EbyN   | Sun-shine.  h. m 7 44 7 44 8 44 7 22 8 05 10 00 10 55 11 00 8 30   | Rain, begins   | ning 6 s   | the rk.   | a.<br>a.<br>a.<br>) a.                             | ieous.   |
| Day.                       | Prevailin, direction  E ESE ESE ESE ESE E quad. SE SE E quad SW quad. W quad. W, WSW VNW, SW SE   | g To mome me   | Wind.  Market al property of the property of t | axi-<br>num<br>our-<br>at<br>lly-<br>sloc-<br>ty. w<br>9778<br>82.5<br>04488<br>00555 S   | ESE WNW SSE SE G quad. S WSW WSW SE  | me m W 2.4 4.8 2.5 2.1 3.2   | A Ci. Ci. Ci. Ci. Ci. Ci. A Ci. A Ci. A Ci. A Ci. A Ci.   | Form a Upper. Cu. NI S., Ci. Cu. Cu. Cu. S. NV S. Su. NNV Cu. ESI  | E Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu.                            | ENE EbyN ENE EbyN EbyN E EbyN E   | Sun-shine.  h. m 7 44 7 44 7 25 8 05 10 00 10 55 11 00 8 30 9 15 8 00 2 50 4 40 5 50 1 05  | Rain, begins On the towe   | me In pa   | a. m. the rk.  do a a a a a a a a a a a a a a a a a a a           | a. a. a. a. a. a. a. a. a. a. a. a. a. a           |  |
| Day.                       | Prevailing direction direction direction direction EEESE ESE EQUAD. SEE EQUAD W. WSW YNW, SW WSW YNW, SW SEE SEE SEE SEE SEE SEE SEE ESE  | E To mo me   | Wind.  Motal hove-ent.  70.  112 112 117 12  | axi- num at our- ly sloc- v v   | ESE WNW SEE SEE SEE SE SE  | Me House W 4.8.5.2.2.1 5.2.7 8.8.8.8.9 7.7.5 4.2.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1 | Ci. Ci. Ci. Ci. AC  | Form a Upper. Cu. NI S., Ci. Cu. Cu. Cu. Cu. S. NV S. Cu. NNV Cu. ESI Cu. NNV Cu. ESI Cu. SCu. SCu.  | E Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu.                            | ENE E E SE E E E E E E E E E E E E E E E                                      | Sun-shine.  h. m 7 44 7 44 7 22 8 05 10 00 10 55 11 00 8 30 9 15 8 00 2 50 4 40 5 50 1 0 20 10 20 10 20  | Rain, begins On the towe   | me In pa   | a. m.  the rk.  do a a a a a a a a a a a a a a a a a a a          | a. a. a. a. a. a. a. a. a. a. a. a. a. a           |  |
| Day.                       | Prevailing direction  E ESE ESE E quad. SE SE E quad W quad. W, WSW WSW WSW WSW WSW WSW SE ESE ESE ESE  | To most med med med med med med med med med med  | Wind.  Market al poet a | axi- pum at out uly sloc- ty.   | the tit of the aximu elocity elocity eloci | Me no W  | A A Ci A Ci A Ci A Ci A Ci A Ci A Ci A Ci Ci A Ci Ci Ci A Ci | Form a Upper. Cu. Ni S., Ci. Cu. Cu. Cu. Cu. Cu. S. NV Cu. ESI Cu. NNV Cu. ESI Cu. I Lu. Cu. ESI Cu. ESI Cu. ESI Cu. ESI Cu. ESI Cu. ESI Cu. ESI Cu. ESI Cu. ESI Cu. ESI Cu. ESI Cu. ESI Cu. ESI | E Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu.                            | ENE ESE, SE ENE EN E E Quad.  | Sun-shine.  h. m 7 447 7 447 8 447 7 25 8 08 10 00 10 50 10 50 1 0 | Rain, begins On the towe   | mmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmm                     | a. m.  the rk.  do a a a a a a a a a a a a a a a a a a a          | a. a. a. p. p. a                                   | <b>)</b> ° p.  |
| Day.                       | Prevailindirection  EEESEESEESEE quad. SE W quad. W, WSW VNW, SW SE SEESE SE, ESE SE, ESE SE, EEE SE, EEE SE, EEE SE, EEE SE, EEE SE, EEE SE, EEE SE, EEE SEE quad.   | France   To most mean   K   2   1   1   1   1   1   1   1   1   1  | Wind.  Market al pove- ent. verification of the content of the con | axi- pum at num at ly loc- ty.  7 8 2 0 4 8 8 0 5 5 6 8 8 0 7 8 8 0 6 8 8 8 0 8 8 8 8 8 8 8 8 8 8 8 8   | the tit of the aximu elocity of the aximu elocity of the wnw y, while see a quad. See a grant with the see a grant | Me no W  | A Gi Gi A Gi Gi A Gi Gi A Gi Gi A Gi Gi A Gi Gi Gi Gi Gi Gi Gi G  | Form a Upper. Cu. NI S., Ci. Cu. Cu. Cu. S. NV S. Cu. NI Cu. SSI Cu. SSI Cu. SSI Cu. Nbyl  | E Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu.                            | ENE EDYN ENE E EDYN ENE E E E ENE, NE NE SE E E E E E E E E E E E E E E E E E | Sun-shine.  7. 44. 7. 44. 7. 44. 7. 24. 8. 45. 7. 25. 8. 05. 10. 00. 10. 55. 11. 05. 5. 35. 9. 15. 10. 20. 10. 20. 10. 20. 10. 20. 11. 05. 5. 45. 11. 05. 5. 45.   | Rain, begins On the towe   | mmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmm                     | a. m.  the rk.  do a a a a a a a a a a a a a a a a a a a          | a. a. a. a. a. a. a. a. a. a. a. a. a. a           | <b>D</b> <sup>o</sup> p.                             |
| Day.                       | Prevailin; direction  E ESE ESE E quad. SE SE E quad SW quad. W WSW VNW, SW VNW, SW UNW, SE ESE SE E Quad. E Quad. E Quad. E Quad. E Quad. E SE | France of the second of the se | Wind.  Motal property of the p | axi- pum at our | the tit of the saximuc of the saximu | Me m W   | A  A  Ci. Ci. Ci. Ci. Ci. Ci. Ci. Ci. Ci. Ci.   | Form a Upper. Cu. NI S., Ci. Cu. Cu. Cu. S. NV S. Cu. ESI Cu. SSI Cu. ESI Cu. ESI cu. Nhy Cu. ESI cu. Nhy cu. Ebys Cu. Cu. Inu.  | E Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu.                            | ENE EDYN ENE E EDYN ENE E E E ENE, NE NE SE E E E E E E E E E E E E E E E E E | Sun-shine.  h. m 7 44 8 44 7 22 8 06 10 50 11 00 11 00 2 5 35 9 15 10 20 9 40 6 55 11 05 6 10 8 30 9 4 2 20 9 40 10 50 11 05   | Rain, begins On the towe   | mmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmm                     | a. m.  the rk.  do a a a a a a a a a a a a a a a a a a a          | a. a. a. p. p. a                                   | <b>D</b> <sup>o</sup> p.                             |

<sup>&</sup>lt;sup>a</sup> All the mean values given in this table are deduced from hourly observations.

<sup>b</sup> These values are taken from instruments mounted in the Observatory Park, 1.5 meters above ground.

# METEOROLOGICAL DATA FOR MIRADOR OBSERVATORY, BAGUIO.ª

[ $\phi$ =16° 25′ N;  $\lambda$ =120° 86′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, -1.65 mm.]

|   |   | (or  | r temp  | erature<br>p of the   | at Mira<br>mounta   | dor<br>in).   |   | mperatur<br>near the c  |  |   |   |  | Ra   | diation.  | Evapo  | ratior               |
|---|---|--|---|---|---|---|---|---|--|---|---|--|--|---|--|----------------------|
| Day.  | Pressure b (mean).  | Mean.  | Maxi-<br>mum.   | Hour.   | Mini-<br>mum.   | Hour.   | Maxi-<br>mum.   |   | Mini-<br>mum.                            | Hour.   | Rela-<br>tive<br>humid-<br>ity<br>(mean).   | Vapo<br>pres<br>suro<br>(mean  | Min  | n Black   | Free<br>ex-<br>posure<br>(total)                                     | Shel<br>ter<br>(tota |
| 1   | 38.35<br>38.19  | PC. 617.67 166.5 17.2 17.4 17.5 18.3 19.1 18.6 17.8 18.1 18.6 18.2 17.8 18.6 19.6 17.8 17.5 18.6 19.6 17.8 17.5 18.6 19.6 17.8 17.5 18.6 19.6 17.8 17.5 18.6 19.6 17.8 17.5 18.6 19.6 17.8 17.5 18.6 19.6 17.8 17.5 18.6 19.6 17.8 17.5 18.6 19.6 17.8 17.5 18.6 19.6 17.8 17.5 18.6 19.6 17.8 17.5 18.6 19.6 17.8 17.5 18.6 19.6 17.8 17.5 18.6 19.6 17.8 17.5 18.6 19.6 17.8 18.3 19.4 | 23. 5<br>21. 7<br>22. 8<br>23. 5<br>24. 6<br>23. 8<br>24. 2<br>25. 1<br>25. 1<br>25. 1<br>25. 1<br>23. 3<br>24. 5<br>24. 5<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 6<br>25. 3<br>24. 6<br>25. 6<br>26. 2<br>26. 2 | 10. 05a. 9. 35a. 1. 30p. 0. 30p. 0. 20p. 1. 05p. 1. 05p. 1. 35p. 11. 55a. 10. 50a. 1. 35p. 11. 55a. 0. 50p. 1. 30p. 11. 55a. 0. 50p. 1. 20p. 1. 20p. 1. 20p. 0. 25p. 10. 00a. 11. 05a. 0. 35p. 10. 00a. 0. 35p. 0. 20p. 10. 00a. 0. 35p. 0. 20p. 10. 02p. 0. 20p. 10. 20p.   | °C. 14. 1 13. 8 13. 7 13. 4 13. 8 14. 9 15. 1 15. 7 14. 9 15. 2 14. 4 14. 9 15. 2 14. 4 14. 9 15. 2 14. 1 15. 5 13. 8 14. 2 15. 1 15. 6 15. 1 15. 6 15. 1 14. 4 15. 6 | 6. 05a.<br>6. 00a.<br>6. 00a.<br>6. 00a.<br>4. 40a.<br>5. 05a.<br>6. 15a.<br>6. 05a.<br>6. 05a.<br>4. 20a.<br>6. 00a.<br>3. 30a.<br>5. 50a.<br>6. 00a.<br>3. 30a.<br>5. 50a.<br>6. 00a.<br>3. 35a.<br>5. 50a.<br>6. 00a.<br>5. 30a.<br>5. 50a.<br>6. 00a.<br>5. 50a.<br>6. 50a.<br>5. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a.<br>6. 50a | 22. 5<br>23. 3<br>23. 4<br>24. 7<br>24. 7<br>24. 8<br>23. 7<br>24. 8<br>24. 6<br>24. 9<br>24. 9<br>24. 4<br>24. 4<br>24. 4<br>24. 9<br>24. 2<br>24. 9<br>24. 2<br>24. 3<br>24. 3<br>24. 4<br>24. 5<br>24. 3<br>24. 5<br>24. 5 | 11. 00a. 19. 45a. 1. 15p. 11. 45a. 1. 15p. 11. 45a. 12. 10p. 12. 10p. 13. 35p. 22. 30p. 13. 35p. 22. 30p. 15. 55p. 15. 55p. 15. 55p. 15. 55p. 16. 20p. 17. 50p. 18. 20p. 19. 20a. 11. 15p. 11. 00a. 11. 15p. 11. 00a. 11. 15p. 11. 20p. | 13. 7<br>14. 5                           | 6. 00a. 6. 00a. 6. 00a. 4. 00a. 6. 10a. 5. 05a. 6. 20a. 6. 20a. 6. 20a. 6. 20a. 6. 20a. 6. 30a. 6. 00a. 5. 05a. 6. 20a. 6. 30a. 6. 00a. 6. 00a. 6. 00a. 6. 00a. 5. 30a. 6. 00a. 5. 30a. 6. 00a. 5. 30a. 6. 00a. 5. 30a. 6. 00a. 5. 30a. 6. 00a. 6. 00a. 5. 30a. 6. 00a. 6. 00a. 6. 00a. 6. 00a. 6. 00a. 6. 00a. 6. 00a. 6. 00a.   | Per ct. 83.5 90.8 90.8 86.3 86.2 91.7 89.8 86.7 89.3 90.2 86.7 89.3 89.2 86.7 89.2 86.7 89.2 87.9 89.2 80.7 89.2  | 12.12.12.13.12.12.13.13.13.13.13.13.13.13.13.13.13.13.13.                    | 3 12.9<br>12.2<br>12.2<br>13.8<br>12.9<br>12.9<br>13.1<br>14.4<br>13.1<br>14.4<br>13.8<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>13.1<br>14.4<br>14.8<br>15.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4<br>16.4 | 3   | mm. 3.12 1.62 2.69 3.18 3.15 2.16 2.16 2.16 2.16 2.16 2.16 2.16 2.16 | mm 1.66              |
| Mean  | 636.77  | 18. 1  | 24.1  | 1. 20p.   | ·   | 5. 45a.   | 26.5  | 0.40p.  | 13.1                                     | 4. 20a.   | 74. 2<br>86. 6  | 12.<br>13.   |  |   | 2.5  | 3. 1<br>1. 5         |
| Total   |   | , <del></del>  |   |   |   |   |   |   |  |   |   |  |  |   | 73. 7  | 45.2                 |
|   |   | <del></del>  | Wine  | 1   |   |   | -   | Clou  | ıds.                                     |   |   |  | Rain, 24   |   |  |                      |
| Day.  | Prevai<br>direction   | on d   | Total<br>move-<br>ment.   | lv  | Direction at the time of the maximu velocity  | me m (usedu   | 1   | Form an   | nd dire                                  | Lower.  |   | un-<br>ine.  | hours<br>begin-<br>ning<br>6 a. m.   | Misco   | ellaneou   | 18.                  |
| 1   |   |  |   | 1   |   |   |   |   | Access 1                                 |   |   |  |  |   |  |                      |
| 2 3 3 4 4 5 5 6 6 6 7 7 8 8 8 8 8 8 8 8 8 9 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | E quale E, V L A A A A A A A A A A A A A A A A A A  | W<br>W<br>W<br>W<br>ble<br>ad.<br>sed.<br>ble<br>ad.<br>ad.<br>w<br>w<br>ad.   |   | 20. 7<br>22. 2<br>22. 3<br>25. 5<br>27. 2<br>21. 4<br>23. 9<br>23. 1<br>25. 5<br>22. 8<br>25. 4<br>24. 4<br>23. 5<br>22. 2<br>23. 2<br>24. 4<br>25. 6<br>26. 6<br>30. 9<br>26. 4<br>24. 4<br>25. 6<br>26. 6<br>30. 9<br>26. 4<br>27. 4<br>28. 4<br>28. 4<br>28. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 5<br>29. 6<br>29. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6 | SW<br>E<br>E<br>SW<br>W<br>W<br>SW<br>SW<br>SW<br>SW<br>SW<br>SW<br>SW<br>SW<br>SW<br>SW<br>SW  | 5.4<br>7.4  | A (Ci    | S. S. CiS. CiS.   | Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu C | NNNNNNNN.   | E NE NE SW NE NE NE NE NE NE NE NE NE NE NE NE NE   | 5 20<br>6 50<br>6 50<br>3 40<br>2 25<br>2 45<br>7 30<br>2 15<br>5 50<br>2 35 | ### 1.5   ### 31.2   ### 31.2   ### 31.5   ### 31.6   #   | $\begin{array}{c} \Omega \text{ a.} & \cong 2\\ \Omega \text{ a.} & \cong 2\\ \Omega \text{ a.} & \cong 3\\ \Omega \text{ a.} & \cong 4\\ \Omega^2 \text{ a.} & \cong 4\\ \Omega^2 \text{ a.} & \cong 4\\ \Omega^2 \text{ a.} & \cong 4\\ \Omega^2 \text{ a.} & \cong 4\\ \Omega^2 \text{ a.} & \cong 4\\ \Omega^2 \text{ a.} & \cong 4\\ \Omega^2 \text{ a.} & \cong 4\\ \Omega^2 \text{ a.} & \cong 4\\ \Omega^2 \text{ a.} & \cong 4\\ \Omega^2 \text{ a.} & \cong 4\\ \Omega^2 \text{ b.} & $ | p.   | <b>₫ p.</b>          |
| 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9                         | E qua E E, V E, S' E, V Varia W W W W W W W W W E E S E qua | W W W W Be Be Be Be Be Be Be Be Be Be Be Be Be   | 372. 6<br>277. 2<br>426. 8<br>376<br>328. 3<br>321. 3<br>282. 9<br>236. 7<br>218. 6<br>304. 1<br>245. 9<br>272. 1<br>246. 6<br>240. 4<br>276. 2<br>356. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351. 8<br>351.   | 24. 4<br>20. 7<br>22. 2<br>22. 3<br>25. 5<br>25. 9<br>27. 2<br>21. 4<br>23. 9<br>23. 1<br>25. 5<br>22. 8<br>25. 4<br>24. 4<br>25. 6<br>30. 9<br>26. 6<br>30. 9<br>26. 4<br>24. 1<br>22. 2<br>26. 6<br>30. 9<br>26. 4<br>27. 2<br>28. 1  | WEESWWWWWWWSWWWWSWWWW,SE  | 5.4<br>6.4<br>5.5<br>2.2<br>4.3<br>9.1<br>6.8<br>7.7<br>7.7<br>9.6<br>8.8<br>7.6<br>9.6<br>8.5<br>9.6<br>9.6<br>9.6<br>9.6<br>9.6<br>9.6<br>9.6<br>9.6<br>9.6<br>9.6  | AG. D. G.   | S. S. S. CiS. CiS. CiS. CiS. CiS. Ci. Wby Ci. Wby Ci., Ci. Ci., Ci.   | Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu C | N. NN. E, WN. E, WN. M. ENEN. NNE | E NE S W NE E NE NE NE NE NE NE S S E S E S S S S S S S S S S S S S S S S S S S S | 4 25 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5                                     | 17<br>.8<br>1.5<br>31.2<br>35.3<br>16  | □ [ ]   | p.   | <b>₫ p.</b>          |

a All the mean values given in this table are deduced from six daily observations taken at 2, 6, 10 a. m. and 2, 6, 10 p. m.
 b The barometric readings of this station are not reduced to sea level.
 c Maximum of hourly observations taken from 6 a. m. to 6 p. m.
 d This element is based on hourly observations taken from a quadruple register, which gives only eight possible directions of the wind.

# DAILY RAINFALL AT THE STATIONS OF THE WEATHER BUREAU, APRIL, 1918.

| QL II  |             |               |               |            |              |               |              | Day of    | f mont             | h.          |                 |            |           |               |               |                |
|--|-------------|---------------|---------------|------------|--------------|---------------|--------------|-----------|--------------------|-------------|-----------------|------------|-----------|---------------|---------------|----------------|
| Station.   | 1.          | 2.            | 3.            | 4.         | 5.           | 6.            | 7.           | 8.        | 9.                 | 10.         | 11.             | 12.        | 13.       | 14.           | 15.           | 16.            |
|  | mm.         | mm.           | mm.           | mm.        | mm.          | mm.           | mm.          | mm.       | mm.                | mm.         | mm.             | mm.        | mın.      | mm.           | mm.           | mm             |
| Jolo<br>Isabela, Basilan                                 | 8.9         |               | 0.3<br>2.3    |            | 0.3          | 32.5          | 3.6          |           | ļ                  |             |                 |            |           |               |               |                |
| Basilan Plantation, Isabela (Ba-<br>_ silan)a            |             |               |               | 10.9       | 1.8          | 38.6          | 5.1          |           |                    |             |                 |            |           |               |               |                |
| Zamboanga<br>Davao                                       | 5.6         | 5.8           | 30. 2<br>2. 5 | .8         | 17.8         | 1.5           | 10.7         | 2.5       | 1 5                |             |                 |            |           |               |               |                |
| Cotabato   | 16.8        | 2.3           | 32            | 7.1        | 3.6          | 15.7<br>31.2  | 10. 7        | 33.5      | 1. 5<br>36. 1      |             |                 |            |           |               |               |                |
| Cagayan, Misamis<br>Dapitan                              |             | 1.7           | 2.8           | 24.9       | .4           | 33            | 2.6          | 7.5       |                    |             | 2.8             | 10. 2      |           |               |               |                |
| Ampayon, Butuan, Agusana<br>Butuan                       | 13.2        | 5.8           | 5.3<br>19.6   | 13. 2      | 2.5<br>10.7  | .5<br>9.4     | .3           | 6.6       | 4.3<br>5.4         | 5.3<br>7.4  | 259. 9<br>68. 3 |            |           |               |               |                |
| Mambajao   |             |               |               |            |              | 3.4           |              |           | 5.4                |             | 00.0            |            |           |               |               |                |
| DumagueteYap, Western Carolines                          |             | 76. 2         | 9.4           |            |              | 7.6           | 25. 2        | 20.1      | 17                 | 47          | .3              | 1.5        | 46        | 0.3           |               | 1.<br>16.      |
| Tagbilaran<br>Iwahig                                     |             | 24.3          | 57.9<br>12.4  |            | 33.8         | 4             |              | .4        | 11.7               |             |                 | .3         |           | 3.6           |               | 6.             |
| Surigao  | 7.1         | 2.3           | 21. 4         | 6.1        | 20.4         | .3            | 8.9          | 7.3       | 18.6               |             | 1,3             | 3.5        |           | 3.0           |               |                |
| Maasin<br>Cebu   |             |               |               |            |              | 1.3           |              |           |                    |             | .8              |            |           |               |               | 6.             |
| Iloilo<br>San Jose Buenavista                            |             | 3.8           | 3             |            | 2.5          |               | 1 0          |           |                    |             |                 |            |           |               | 3.3           |                |
| Cuyo   | .           | ;             |               |            |              | 8.6           | 1.8          |           |                    |             |                 |            |           |               | 10.7          | 2.             |
| Lucena, Iloilo a<br>Ormoc                                | .5          |               | 3.8           | 1.5        | .3           | 6. 1<br>28. 5 | 4.6          | 14. 5     | .5                 |             | .3              | 15         | 2.8       |               |               |                |
| Guiuan<br>Dueñas, Iloiloª                                | 4.6         | 29.5          | 16. 2         | 14. 2      | 5.6          | 2.5           |              | 1         | 1.3                |             | 7. 3            | 40.2       |           |               | 2.5           | Б.             |
| Bitaogan, Iloilo (Railroad Iloilo                        |             | •             | 1.0           |            |              | 2. 0          |              |           |                    |             |                 |            |           |               |               | 0.             |
| to Capiz) a<br>Lapus, Iloilo (Railroad Iloilo to         |             | 1.8           | 1.3           |            |              |               |              |           |                    |             |                 |            |           |               |               |                |
| Capiz) a<br>Tacloban                                     | 10. 4       | 4.4<br>13     | 3<br>8        | . 5<br>. 3 | 2.5<br>2.5   |               |              |           |                    |             |                 |            |           |               | 4.6           |                |
| Dumarao, Capiz a   |             |               |               | 5. 1       |              | 6.4           | 2.8          |           |                    |             | 5.4             | 2.9        |           |               | 18.5          | 11.            |
| Dao, Capiza<br>Capiz                                     | İ           | 4.6<br>2.3    | .8<br>2.8     | . 5        | .8           | 16.3          | 4.8          |           |                    |             |                 |            |           |               | .8            | 3.<br>48.      |
| Borongan<br>Catbalogan                                   | 5.3<br>4.6  | 13.5<br>14.4  | 37.4<br>2.3   | 6.6        | 6. 4<br>16   | 21. 1<br>7. 9 | 4.6          | 1         | 4.3<br>1.8         |             | 7.7             | 48.6<br>16 |           |               | 1             |                |
| Calbayog   | 6.8         | 16.8          | 1.8           | 1.3        | 9.9          | 12.7          | 11.7         |           | 1.0                |             | 5. 1<br>6. 9    | 4.3        | .8<br>2.8 |               |               |                |
| Masbate  |             | 2.8           | . 3           |            | 1.5          | 1.8           |              |           |                    |             |                 |            |           |               |               |                |
| tation, Mindoro a  |             |               |               |            |              |               |              |           |                    |             |                 |            |           | 1.5           | 2. 5          |                |
| Batag  | 5.6         | 6.4<br>18.3   | 6.6           |            | 4.6          |               |              |           | . 5                | 6.9<br>13.2 |                 | 71.1       | 30        |               |               | 1.             |
| Sorsogon<br>Legaspi                                      | 5.3<br>8.3  | 7.1           |               |            | 7. 1<br>6. 9 | 5.6<br>8.6    |              |           |                    |             |                 | 1.3        | .5        | 3             | .3            | 3              |
| San Miguel Estate, San Miguel<br>Island, Tabaco, Albayab | 2           |               |               |            |              |               |              |           |                    |             |                 |            | . 0       |               | . 0           |                |
| Sumay, Guam  |             | .3            | 4.3           | 5.8        | 3.8          | 20.3          |              | 3.8       | $\frac{2.3}{11.5}$ | 19.8        |                 | 10.2       |           |               | 8.1           | 3              |
| Calapan<br>Virac   | 4.3         | 13. 7<br>2. 5 |               |            | 20.8         | 1.5<br>3.6    | .8           |           |                    |             |                 | 9.9        | 20.3      |               | <b>37</b> . 8 | 5. 6           |
| Naga<br>Batangas   |             |               |               |            |              | 3.8           | 10.7         |           |                    |             |                 | 12.7       | .3        |               |               |                |
| Lucena   | .8          |               |               |            |              |               |              |           |                    |             |                 |            |           | 2.5           |               |                |
| Atimonan<br>Ambulong, Tanauan                            | 1.8         |               |               |            |              | 5. 3          |              |           |                    |             |                 |            |           |               | . 5           | .8             |
| Canlubang, Calamba<br>Paracale                           | 4.6         |               |               |            | 10 E         |               |              |           |                    |             |                 |            |           | 28.7          | 1.5           |                |
| Santa Cruz, Laguna                                       |             |               |               |            | 16.5         | . 8<br>6. 9   | 1.5          |           |                    |             |                 |            |           | .5            | 3.8<br>19     |                |
| Fort Mills, Corregidor ad                                |             |               |               |            |              |               |              |           |                    |             |                 |            |           | 4.4           |               |                |
| AntipoloBosoboso, Rizal a                                |             |               |               |            |              |               |              |           |                    |             |                 |            |           |               |               |                |
| Montalban, Rizala  |             |               |               |            |              |               |              |           |                    |             |                 |            |           | $\frac{1}{3}$ | 2.3           |                |
| Hacienda Pintong Sapang, San<br>Jose, Bulacana           |             |               |               |            |              |               |              |           |                    |             |                 |            |           |               | 4.6           | 2. 5           |
| Mabayuan Dam, Olongapo, Zam-<br>bales a                  |             |               |               |            |              |               |              |           |                    |             |                 |            |           |               |               | ۵. و           |
| ba   | 1.1         |               |               |            |              |               | 1.3          |           |                    |             |                 |            |           |               | 7.6           |                |
| San Isidro<br>Lacienda Luisita, San Miguel,              |             | j             |               |            |              |               |              |           |                    |             |                 |            |           |               |               |                |
| Tarlaca  |             |               |               | i          |              |               |              | .3        |                    |             |                 |            |           |               |               |                |
| laca   |             |               |               |            |              |               |              | 1.3       |                    |             |                 |            |           |               | .3            |                |
| Tarlac   |             |               | 10.9          | 9. 9       | 5.1          |               |              | .8<br>9.1 |                    |             |                 |            |           | 3.3           | 10.7          |                |
| Paniqui, Tarlaca<br>Iluños Agricultural School,          |             |               |               |            |              |               |              |           |                    |             |                 |            |           |               |               |                |
| Nueva Ecija a  | 00.0        |               | -14-5-        |            |              |               |              |           |                    |             | 4.8             |            |           |               |               |                |
| Dagupan<br>anto Tomas Mt., Mountain Pro-                 | 26. 9       | 2.5           | 14.2          |            |              |               |              |           |                    |             |                 |            | 4.3       |               | 19.3          |                |
| vince <sup>a</sup>                                       | 1.8         | .3            |               |            |              |               |              |           |                    |             |                 |            |           | !             |               | ,              |
| Baguio   | 4.8         | 9.7           |               |            |              |               |              |           |                    |             |                 |            |           | ,             |               |                |
| an Fernando, Union                                       |             | . 5           |               |            | ;<br>:       |               |              |           |                    |             |                 |            |           |               |               |                |
| agada, Mountain Provincea                                | 16.3<br>4.8 | 27.2          |               |            |              | 23.4          | 10.7<br>23.4 | 4.6       | 21. 1              | .3          |                 |            | . 3       |               |               |                |
| Candon   |             | -             |               |            |              |               |              |           |                    |             |                 |            |           |               |               | <del>-</del> - |
| igan   | .8          |               |               |            |              |               |              |           |                    |             |                 |            |           |               |               |                |
| 'uguegarao<br>.a Paz, Abraª                              | 1.3         |               |               |            |              |               |              |           |                    |             |                 |            |           |               |               |                |
| aoag   |             |               |               |            |              |               |              |           |                    |             |                 |            |           |               |               |                |
| Cape Bojeador  |             |               |               | !          |              |               |              |           |                    |             | 2.8             |            | 1.4       | 3.3           |               |                |
| anto Domingo, Batanes                                    | 1.5         |               | .             |            |              |               |              |           |                    | .4          | 3               | 2.8        | 1. 2      |               |               |                |

a Voluntary or coöperative station.

b Rain in 24 hours beginning 8 a. m.

d Rain in 24 hours beginning 7 a. m.

Daily rainfall at the stations of the Weather Bureau, April, 1918—Continued.

| Station.  |         |      |      |              |               | ·             |              | y of n             | onth.      |            | -            |       |                |                |             |
|---|---------|------|------|--------------|---------------|---------------|--------------|--------------------|------------|------------|--------------|-------|----------------|----------------|-------------|
| Station.  | 17.     | 18.  | 19.  | 20.          | 21.           | 22.           | 23.          | 24.                | 25.        | 26.        | 27.          | 28.   | 29.            | 30.            | Tota        |
|   | mm.     | ınm. | mnı. | mm.          | mm.           | mm.           |              | mm.                |            | mm.        | mm.          |       | mm.            |                | mm          |
| olo   | 9.4     |      |      |              |               | 1             | 51.8         | 84.6               | 8.9        | 28. 7      | 3.8          |       |                |                | 239.        |
| sabela, Basilan   |         | 11.4 |      |              | 1.3           | 6.4           | 8.4          | 5.8                | 6.1        | 3.5        | 2.5          |       | 7 6            |                | 88.<br>163. |
| Basilan Plantation, Isabela (Basilan)a                      |         | 20.6 |      |              |               | 28.1          | 17.3         | 42. 6<br>10. 4     | 1.8<br>3.5 | 0          | 2.0          | 21 6  | 7.6            |                | 98.         |
| amboanga<br>Dayao   |         |      |      |              | 4.3           | 48.1          | 1.9          | 2.8                | 2. 4       |            | 65. 8        | 21.0  | 1.8            |                | 139.        |
| otabato   |         |      |      |              | 9.7           | 9.1           | 4.3          | 2.8                | 19.3       | 18         |              |       | 3.3            | . 5            | 276.        |
| agayan, Misamis   |         | 10   |      |              | 3.6           | 2.5           | 1.8          |                    |            | 15. 5      | 16.8         | 1.5   |                |                | 54.         |
| lanitan   | l       | 1    | 6.2  | 30           | 16.8          |               | 2.3          |                    | 180.4      | 210        |              | .3    |                | .3             | 553.        |
| mpayon, Butuan, Agusana                                     |         | l=   |      | 3.6          | 7.1           | 10.4          | 6. 1         | 7.6                | 9.7        | 2.8        | 10.7         |       | 6.1            |                | 381         |
| utuan   | .3      | l    |      | 17           | 5.8           | .3            | 17.8         | 1.1                | 14         | 52.8       |              |       |                | 1              | 246         |
| [ambajao  | l       | l    | 1    | 7.6          | 4.6           |               |              |                    |            |            |              |       |                |                | 18.         |
| umaguete  | .5      |      |      |              | .8            | 2.5           | 0 0          | 3.3                |            | 10         |              |       | .3             |                | 26.<br>322. |
| ap, Western Carolinesagbilaran                              | 1.3     | .6   | 3.6  | 6. 6<br>3. 5 | 6. 1<br>19. 3 | 21.1          | 2.8          | 13.4               | 1.5        | 3. 4       |              |       |                |                | 173.        |
| wahig   |         |      |      | 0. 0         | 10.0          | .1            |              | 6.6                | 1.0        | 7.6        | 4.1          | 18    |                | . 5            | 59.         |
| urigao  | i       |      | 5.6  | 13.5         | 44.5          | 2.8           | 2            | 14                 | 4.3        |            |              |       | . 8            |                | 215.        |
| [aasin  |         | l    |      |              |               |               |              |                    |            |            |              |       |                |                | 6.          |
| ebu   | 2.3     | 1.3  | ļ    |              |               | 5.1           |              |                    |            |            |              |       |                |                | 35.         |
| ebu   |         |      |      | 2            |               |               |              |                    |            | 9.1        |              |       |                |                | 52.         |
| an Jose Buenavista  | l       |      |      |              |               | 4.3           | . 3          | 4.1                |            | 29. 9      | .8           | 68.3  |                |                | 120.<br>79. |
| uyo<br>ucena, Iloilo <sup>a</sup>                           | i       |      |      |              |               | 4.3           |              | 3.8                |            | 48.3       |              | U-1   |                | - <del>-</del> | 58.         |
| rmoc  |         |      | 1    | 15. 5        | 18            | 5.1           | 2            | .8                 | 5. 9       | 1.5        | 3.8          |       | 2              | 1.8            | 154.        |
| uiuan   |         |      | 1    | 9.9          | 3.8           | 36.3          |              | 29.4               | 10. 2      | 9.9        | 4.6          | 5.6   | 1.3            | 5.8            | 240         |
| ueñas, Iloiloª  |         |      |      |              |               | 5. 1          |              | 5. 1               |            |            |              |       |                |                | 26.         |
| itaogan, Iloilo (Railroad Iloilo to                         |         | 1    |      |              |               |               | 1            |                    |            | !          |              |       | 1              | İ              |             |
| Capiz) a  |         |      |      |              |               |               |              | 1.8                |            |            | 5.1          | i     | ·              |                | 10          |
| apus, Iloilo (Railroad Iloilo to Capiz) a                   |         |      |      | 1            | 17 0          | 10.0          |              | .3                 |            |            | 17.3<br>2.8  | 7 1   |                |                | 40.<br>135. |
| acloban   |         |      | 5.9  | .5           | 17. 9<br>9. 1 | 12.8          | E.3          | 4.4<br>1.8         |            |            | 4.0          | 7.1   | 15. 2<br>50. 8 | . 3            | 85.         |
| umarao, Capizaao, Capiz                                     |         |      |      |              | 3. 1          |               |              | 29.7               | 1.8        |            | 2.5          |       | 1.3            | .8             | 68          |
| apizapiz  |         |      |      | .3           |               |               |              |                    |            |            |              |       |                |                | 74.         |
| orongan   |         |      | 8.9  | 2.1          |               | 53.1          | 8.9          | 27. 1<br>21. 8     | 5. 9       | 21.6       | 11. 2        |       |                | 9.4            | 305.        |
| atbalogan   | 14      |      |      | 1.3          | 17.3          | 21.6          | 10.7         | 21.8               |            |            | . 3          | 11. 9 |                |                | 170.        |
| orongan<br>atbalogan<br>albayog                             |         |      |      | 5.1          |               | 24.6          | 5.8          | 1                  | 23. 4      | 5.6        | 2.8          | 1.8   | 9.7            | 10. 1          | 164.        |
| [asbate   |         |      |      |              |               | 5.3           |              | 5.3                |            |            |              |       |                |                | 17          |
| an Jose Estate, Tamaraw Plantation,<br>Mindoro <sup>a</sup> |         |      |      |              |               |               |              |                    |            |            |              |       | 1.3            |                | 5.          |
| Mindoro a   |         |      |      |              |               |               |              |                    |            | 38.1       |              |       |                |                | 61.         |
| omblonatag  |         | 1    |      | 2.8          |               |               |              | 5.8                |            |            |              |       | 2.5            | 2.5            | 185.        |
| orsogon   |         | 1    |      | 2.0          |               | 7.9           |              | 12.2               |            | 16.3c      |              | 2.3   |                |                | 59.         |
| egaspi  |         |      |      |              |               | 5. 1          | 3.3          | 16.5               | 7.9        | . 5        | 1.8          |       | 1.3            | 1.8            | 74.         |
|   |         |      |      |              |               |               |              |                    |            |            |              | i     | _              |                |             |
| an Miguel Estate, San Miguel Is-<br>land, Tabaco, Albayab   |         |      |      |              |               | 7.1           | 18.8         | 3                  | 31.7       | 45.2       | 17.5         |       | .3             |                | 200.        |
|   |         |      |      | 1.8          |               |               |              | 2.3                | 7.6        | 13.5       | 6. 4<br>3. 8 |       |                |                | 87.<br>103  |
| alapan<br>'irac   |         |      |      |              |               |               | 2.3<br>10.4  | 10.1               | 28.2       | 9.1        |              |       |                |                | 128.        |
| aga   |         |      |      |              |               | 2.0           | 5.4          | 10.1               | 5.6        | 2.8        |              |       |                |                | 43.         |
| atangas   |         |      |      |              |               | 7.6           |              |                    |            | 6.6        |              |       |                |                | 14.         |
| ucena   |         |      |      |              |               | 13.7          |              |                    |            | 12.4       |              |       |                |                | 39          |
| timonan   | l       | l    |      |              |               | 23.4          |              |                    |            |            | 4.3          |       |                |                | 36.         |
| mbulong, Tanauan  |         |      |      |              |               | 17.8          |              |                    | 7.2        | 11.9       |              |       |                |                | 49.<br>47.  |
| anlubang, Calamba<br>aracale<br>anta Cruz, Laguna           |         |      |      |              |               | 3             | 16.8         | $\frac{1.3}{61.9}$ | 2<br>14.7  | 5.6<br>1.8 | .3           | .3    | 2.5            |                | 132.        |
| aracale   | 1.5     |      |      |              |               | 6. 9<br>2. 5  | 16.5<br>12.2 | 23.1               | 2.3        | 6.1        | .0           |       |                | 1              | 74.         |
| anta Gruz, Laguna   |         |      |      |              |               | 3.6           | 12.2         | 20. 1              | 2.0        | 9.4        | 42.2         |       |                |                | 55.         |
| ort Mills, Corregidor <sup>ad</sup>                         |         |      |      |              |               | 3.0           |              |                    | 4.5        | 1.3        |              | !     | İ              |                | 10.         |
| .ntipolo  | l       | ·    |      |              |               |               |              | . 5                |            | 1.5        |              |       |                |                | 2           |
| osoboso, Rizala   |         |      |      |              |               | 1.8           |              |                    |            | 1.3        |              |       |                |                | 4.          |
| Iontalban, Rizala   |         |      |      |              |               | 10.4          |              |                    |            | .8         |              |       |                |                | 16.         |
| acienda Pintong Sapang, San Jose,<br>Bulacana               |         |      |      | 1            | 1             | . 5           |              |                    |            | 3.8        | 1.5          | į     | 1              |                | 12.         |
| Bulacan a   |         |      |      |              |               | .8            |              |                    | 7.1        | 101.6      |              |       |                |                | 118.        |
| oa  |         |      |      |              |               | 16.5          |              |                    | 8          | 7. 9       | 1.0          |       |                |                | 27.         |
| an Isidro   |         |      | 1    |              |               |               |              | .3                 |            | .3         |              |       |                |                | 0.          |
| acienda Luisita, San Miguel, Tarlaca.                       |         |      |      |              |               | 5.8           |              |                    |            | 4.8        |              |       |                |                | 10.         |
| acienda Luisita, Luisita, Tarlaca                           |         |      |      |              |               | 4.8           |              |                    |            | 6.1        |              |       |                |                | 12.         |
| arlac   | -52-2-  |      |      |              |               | 72. 9         |              | 61. 2              | 41 4       | 1.3<br>3.3 | 2.5          |       | ·              |                | 2.<br>296.  |
| aleraniqui, Tarlaca   |         | 4.8  | 8.9  | 1.1          |               | 72. 9<br>5. 3 | 6.4          | 61. 2              | 41.4       | 5.6        | 4.0          |       |                |                | 10.         |
| aniqui, Tariaca<br>Iuños Agricultural School, Nueva         | <b></b> |      |      |              |               | 0.0           |              |                    |            | 0.0        |              |       | )              |                | 10.         |
| Ecija <sup>a</sup>  |         |      |      |              |               | 16.5          | l            | 7.9                |            |            |              |       |                |                | 29.         |
| agupan  |         | i    | 21.8 |              |               | 5.6           | 21.3         |                    | 85.6       | 11.4       |              |       |                |                | 260.        |
| anto Tomas Mt., Mountain Province a.                        |         |      |      |              |               |               | 1.6          |                    |            |            |              | 1.8   |                |                | 5.          |
| olinao  |         |      |      |              |               |               |              | 1                  |            | 91.0       | 05.0         | 16    |                |                | 110         |
| aguio   |         |      |      |              |               | 17            | .8           |                    | 1.5        | 31. 2      | 35. 3        | 16    |                | ;              | 119.<br>1.  |
| n Fernando, Union   |         |      |      |              |               | 1.8           |              |                    | 1.8        | 6.6        | . 5          |       |                |                | 10.         |
| chagüeagada, Mountain Provincea                             |         |      |      |              |               | 22.9          |              |                    | 7.1        | 6.7        | 12.4         | 13. 2 |                |                | 140.        |
| agada, Mountain Frovince*<br>ontoc, Mountain Province*      |         |      |      |              |               | 9.1           |              |                    | 2.5        | 21.1       | 40.1         | 22. 1 |                |                | 154.        |
| andon   |         |      |      |              |               |               |              |                    |            |            |              |       |                |                | 0           |
| illavieja, Pilar, Abras                                     |         |      |      |              |               |               |              |                    | 24. 1      |            |              | .3    |                |                | 24.         |
| igan  |         |      |      | 1            |               |               |              |                    |            |            |              |       |                |                | 0.          |
| uguegarao   |         |      |      |              |               |               |              |                    | -15-2      | . 5        | 53. 3        | 10.0  | 13.7           |                | 67.         |
| a Paz, Abra¤  |         | !    |      |              |               | 9.7           |              |                    | 17.8       | 17.3       | 53. 3        |       |                |                | 111.<br>0   |
| aoag  |         |      |      |              |               |               |              |                    |            |            |              |       |                |                | 7.          |
| parri<br>ape Bojeador                                       |         |      |      |              |               |               |              |                    |            |            |              |       |                |                | 0.          |
|   | 1       |      |      |              |               | 1             |              |                    |            |            |              |       | ,              |                |             |
| anto Domingo, Batanes                                       |         |      |      | l            | i             | 1             |              |                    | i          | .6         |              |       | 1              | ' 1            | 9.          |

a Voluntary or coöperative station.
b Rain in 24 hours beginning 8 a. m.

<sup>&</sup>lt;sup>c</sup> This amount corresponds to 25 and 26. <sup>d</sup> Rain in 24 hours beginning 7 a. m.

# METEOROLOGICAL BULLETIN.

# MAXIMUM AND MINIMUM TEMPERATURES AT THE STATIONS OF THE WEATHER BUREAU, APRIL, 1918.

|          | Jo  | olo.   | Isa<br>Bas  | bela,<br>silan.   | Zamb   | oanga.  | Da   | vao.  | Cota  | bato.  | Cag:<br>Miss   | ayan,<br>amis.  | Dar   | oitan.  | But  | tuan.   |
|----------|---|--|---|---|--|---|--|---|---|--|--|---|---|---|--|---|
| Day.     | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   |   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  |   | Maxi-<br>mum.   |   |  |   |
|          | °C.   | °C.  | °C.   | °C.   | °C.  | °C.   | °C.  | °C.   | °C.   | °C.  | °C.  | °C  | °C.   | °C.   | °c.  | °c  |
| 1        | 29.4  | 20.9   | 32.6  | 22.4  | 30.5   | 23  | 31.4   | 20.8  | 32  | 21.5   | 31.4   | 20.1  | 31.2  | 24<br>23. 4   | 31. 4<br>32. 4   | 21. 2   |
| 2        |   | 21.1   | 30.6  | 21. 4<br>22. 3  | 28.5<br>28.9   | 22.6<br>22.8  | 32. 1<br>31. 9   | 20.4<br>21.3  | 31.3<br>31.5  | 21. 5<br>22  | 30.6<br>31.2   | 21.6<br>22.1  | 31. 6<br>31. 7  | 23.4  | 31.1   | 22.2  |
| 3        |   | 21. 6<br>23. 6   | 31. 5<br>32. 1  | 22.6  | 28.7   | 21.6  | 30.9   | 21.5  | 31.5  | 21.4   | 31.7   | 21.3  | 31. 1   | 23.6  | 30. 9  | 20.   |
| 5        |   | 24   | 32.6  | 22.1  | 31.6   | 22. 2   | 31.7   | 22. 1   | 30.7  | 21.9   | 30   | 23  | 30. 9   | 22.1  | 28.7   | 22.   |
| 6        |   | 23.5   | 31.9  | 22.3  | 30. 5  | 23. 2   | 31.7   | 21  | 31  | 22   | 30.5   | 23<br>21.5  | 31.3  | 23.2  | 31.6   | 22.   |
| 7        | 29.9  | 21.2   | 30.6  | 21.6  | 28.6   | 23, 2   | 32.4   | 21.8  | 32  | 21.8   | 30.8   | 21  | 30.9  | 22.2  | 32   | 21.   |
| 8        |   | 21.5   | 32.6  | 21.4  | 28.9   | 22.5  | 32.8   | 21.4  | 31.7  | 22   | 31.3   | 21.4  | 31.1  | 22.6  | 33<br>31. 2  | 22.<br>22.  |
| 9        |   | 21.8   | 31.3  | 21.6  | 29.1   | 23.5  | 32. 2<br>32  | 21.6<br>21.8  | 31.5<br>30.6  | 22.2<br>22.5   | 31.5<br>32.2   | 22. 5<br>22. 1  | 31.4<br>32.1  | 23.3<br>23  | 31. 2  | 22.   |
| 0<br>1   |   | 23. 8<br>24. 2   | 31. 3<br>31. 6  | 22. 1<br>23. 6  | 30.3   | 23.3<br>21.5  | 30.7   | 22  | 30. 7   | 23   | 30. 4  | 22.8  | 31.4  | 21.8  | 29.8   | 23.   |
| 2        |   | 23. 2  | 30.1  | 23.1  | 29.7   | 21.6  | 31.8   | 21.4  | 31.1  | 22.6   | 29   | 22.7  | 29.9  | 22.1  | 29.8<br>27.6   | 23.   |
| }        |   | 20.3   | 31. 1   | 22. 1   | 28.7   | 20.5  | 31.5   | 21.4  | 30.2  | 21.6   | 31.4   | 21  | 31.2  | 22. 1<br>21. 8  | 31.6   | 21.   |
| <b>1</b> |   |  | 31.1  | 22.5  | 28. 1  | 21.6  | 32.4   | 19.5  | 31.5  | 21.7   | 31.5   | 19.8  | 31.9  | 20.6  | 32.3   | 21.   |
| <u> </u> |   |  | 31.6  | 20.1  | 28   | 21.4  | 32.6   | 20  | 31  | 21.9   | 31.1   | 20.6  | 32.3  | 20  | 32. 5<br>33. 9   | 20.<br>21.  |
| }        |   |  | 32.1<br>33.1  | 22. 1<br>20. 6  | 28.3<br>28.5   | $\frac{21.2}{22}$   | 32.7<br>31.7   | 21. 5<br>21. 2  | 31.2<br>31  | 21. 5<br>22. 6   | 31.5<br>31.7   | 22. 1<br>21. 2  | 32.6<br>32.1  | 21 20. 9  | 32   | 22.   |
|          |   |  | 32.5  | 21.6  | 30   | 23  | 32.9   | 22  | 32.2  | 23.2   | 32. 2  | 22. 2   | 32.1  | 22.6  | 33.2   | 22  |
|          | 1   | 20.7   | 33,6  | 22.1  | 30.3   | 23  | 33.2   | 22  | 32.5  | 23.1   | 32   | 22<br>22.3  | 31.7  | 23.2  | 31.2   | 21.   |
| )        | 30.7  | 21.8   | 32.6  | 21.6  | 31.2   | 22.1  | 34.2   | 22  | 32  | 23.6   | 31.5   | 21.4  | 31.8  | 23  | 33.4   | 21.   |
|          | 31.4  | 23   | 31.9  | 22.6  | 29.9   | 22.5  | 34.2   | 22.6  | 32.2  | 23   | 31.4   | 23  | 31.7  | 22.3  | 30. 9  | 22.   |
|          | 29.7  | 23. 2  | 32.1  | 22.1  | 28.8   | 22.7  | 30.7   | 22.1  | 31.3  | 22.2   | 30   | 22.4  | 31.1  | 23  | 31   | 22.   |
|          | 30.7<br>29.2  | 23. 1<br>22. 8   | 32.1<br>31.6  | 21. 1<br>23. 1  | 31 5<br>31.3   | 22. 2<br>23. 2  | 28.1<br>32.2   | 21. 6<br>21. 4  | 31<br>31.9  | 22.3<br>21.8   | 31. 4<br>32. 3   | 21.5<br>20.6  | 31.5<br>31.5  | 22.3<br>23.3  | 30. 4<br>32. 6   | 22.   |
|          |   | 22.3   | 31.9  | 22.6  | 28.9   | 23. 2   | 32.2   | 22.5  | 32.2  | 23.6   | 32. 3  | 22.8  | 30. 9   | 22  | 31.4   | 23  |
|          | 28.3  | 22.1   | 32. 1   | 21.6  | 28.9   | 22.4  | 31   | 22.2  | 31.6  | 20.6   | 32.9   | 22.2  | 25.9  | 21.8  | 31   | 22.   |
|          |   | 21. 9  | 31.6  | 22.6  | 28.7   | 23.3  | 31.1   | 21  | 31.2  | 22.3   | 31.6   | 21.6  | 31.6  | 21  | 31.8   | 22.   |
|          | 29. 9   | 21   | 31.3  | 21.7  | 31.2   | 22.8  | 31.9   | 20.8  | 33  | 22.4   | 31.2   | 21.5  | 32.1  | 22  | 33.4   | 22  |
|          | 30.3  | 22   | 31.6  | 22. 1   | 32   | 22 4  | 31.8   | 21.2  | 32.4  | 21.8   | 31.2   | 21.6  | 31.8  | 21.3  | 33.8   | 21.   |
|          | 29. 4   | 21.8   | 33.1  | 21.1  | 31. 1  |   | 31.7   | 19.8  | 32.9  | 22.3   | 31.4   | 20.9  | 31.7  | 23.3  | 33.1   | 21.   |
| Mean     | 29.6  | 22   | 31.9  | 22  | 29.7   | 22.4  | 31.9   | 21.4  | 31.6  | 22.2   | 31.3   | 21.7  | 31.3  | 22.3  | 31.7   | 22.   |
|          |   |  |   |   |  |   |  |   |   |  |  |   |   |   | 1  |   |
|          | Maml  | oajao.   | Dumas   | guete.  | Yap, W<br>Caro   | estern<br>ines.   | Tagbi  | laran.  | Iwa   | hig.   | Suri   | gao.  | Maa   | sin.  | Ce   | bu.   |
| Day.     | Mami<br>Maxi-<br>mum.   | Mini-<br>mum.  |   | Mini-<br>mum.   | Yap, W<br>Caro<br>Maxi-<br>mum.  | Mini-<br>mum.   | Tagbi<br>Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-   | Mini-<br>mum.  | Maxi-  | Mini-   |   | Mini-   | Maxi-  | Mir<br>mu   |
| Day.     | Maxi-   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-  | Mini-   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mir   |
|          | Maximum.  | Mini-<br>mum.<br>°C.<br>23. 6  | Maximum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.<br>°C.<br>23.4  | Maximum.   | Mini-<br>mum.   | Maximum.  | Mini-<br>mum.  | Maximum.   | Minimum.  | Maximum.  | Mini-<br>mum.   | Maxi-<br>mum.<br>°C.<br>31.5   | Min<br>mu   |
|          | Maxi-<br>mum.<br>C<br>30.2<br>29.6  | Mini-<br>mum.<br>°C.<br>23. 6<br>24. 3   | Maxi-<br>mum.<br>°C.<br>30.2<br>30.9  | Mini-<br>mum.<br>°C<br>22.8   | Maxi-<br>mum.<br>°C.<br>32.3<br>33.3   | Mini-<br>mum.<br>°C.<br>23. 4<br>22. 7  | Maxi-<br>mum.<br>°C.<br>31.2<br>29.2   | Mini-<br>mum.<br>°C<br>21.4<br>21.5   | Maxi-<br>mum.<br>°C.<br>28.6<br>31.3  | Mini-<br>mum.<br>°C.<br>20.1<br>20.1   | Maxi-<br>mum.<br>°C.<br>29.3<br>28.8   | Mini-<br>mum.<br>C.<br>23. 1<br>22. 8   | Maxi-<br>mum.<br>°C.<br>33.2  | Mini-<br>mum.   | Maxi-<br>mum.<br>°C.<br>31.5<br>30.5   | Mi:<br>mu<br>24.<br>24.   |
|          | Maxi-<br>mum.<br>C<br>30.2<br>29.6<br>30.2  | Mini-<br>mum.<br>°C.<br>23. 6<br>24. 3<br>25   | Maxi-<br>mum.<br>°C.<br>30.2<br>30.9<br>30.9  | Mini-<br>mum.<br>°C<br>22.8<br>24<br>24   | Maxi-<br>mum.<br>°C.<br>32.3<br>33.3<br>32.7   | Mini-<br>mum.<br>°C.<br>23.4<br>22.7<br>22.5  | Maxi-<br>mum.<br>°C.<br>31.2<br>29.2<br>29.9   | Mini-<br>mum.<br>°C<br>21.4<br>21.5<br>22   | Maxi-<br>mum.<br>°C.<br>28.6<br>31.3<br>31.7  | Mini-<br>mum.<br>°C.<br>20.1<br>20.1<br>21.5   | Maxi-<br>mum.<br>°C.<br>29.3<br>28.8<br>28.8   | Mini-<br>mum.<br>C.<br>23. 1<br>22. 8<br>23. 1  | Maximum.  °C. 33.2 33.32.8  | Mini-<br>mum.<br>°C.<br>22<br>23<br>22.8  | Maxi-<br>mum.<br>°C.<br>31.5<br>30.5   | Mi:<br>mu<br>24.<br>24.<br>23.  |
|          | Maximum.  C 30.2 29.6 30.2 29.8   | Mini-<br>mum.<br>°C.<br>23. 6<br>24. 3<br>25<br>23. 1  | Maxi-<br>mum.<br>°C.<br>30.2<br>30.9<br>30.9  | Mini-<br>mum.<br>°C<br>22. 8<br>24<br>24<br>23  | Maxi-<br>mum.<br>°C.<br>32.3<br>33.3<br>32.7<br>32.2   | Mini-<br>mum.<br>°C.<br>23. 4<br>22. 7<br>22. 5<br>24   | Maxi-<br>mum.<br>°C.<br>31.2<br>29.2<br>29.9<br>31.4   | Mini-<br>mum.<br>°C<br>21.4<br>21.5<br>22<br>21.1   | Maxi-<br>mum.<br>°C.<br>28.6<br>31.3<br>31.7<br>30.6  | Mini-<br>mum.<br>°C.<br>20.1<br>20.1<br>21.5<br>20.6   | Maxi-<br>mum.<br>°C.<br>29.3<br>28.8<br>28.8<br>29.4   | Mini-<br>mum.<br>C.<br>23. 1<br>22. 8<br>23. 1<br>22. 1   | Maximum.  °C. 33.2 33.3 32.8 32.8   | Mini-<br>mum.<br>°C.<br>22<br>23<br>22.8<br>22.8  | Maximum.  °C. 31.5 30.5 30 30.5  | Mi<br>mu<br>24.<br>24.<br>23.<br>24.  |
|          | Maximum.  C 30.2 29.6 30.2 29.8 29.8 29.3 29.6  | Minimum.  °C. 23.6 24.3 25 23.1 24.1 22.8  | Maxi-<br>mum.<br>°C.<br>30.2<br>30.9<br>30.9<br>30.1<br>30.5<br>30.9  | Minimum.  °C 22.8 24 24 23 24 23.7  | Maximum.  °C. 32.3 33.3 32.7 32.2 33.2 33.8  | Mini-<br>mum.<br>°C.<br>23. 4<br>22. 7<br>22. 5<br>24<br>24<br>23. 1  | Maximum.  °C. 31.2 29.2 29.9 31.4 30.1 30.1  | Mini-<br>mum.  °C 21.4 21.5 22 21.1 22.4 22.1   | Maximum.  °C. 28.6 31.3 31.7 30.6 30.8 31.6   | Minimum.  °C. 20.1 20.1 21.5 20.6 19.5 20.3  | Maximum.  °C. 29.3 28.8 28.8 29.4 26.9 28.9  | Minimum.  C. 23. 1 22. 8 23. 1 22. 1 23. 3 22. 8  | Maximum.  °C. 33.2 33 32.8 32.5 31  | Mini-<br>mum.<br>°C.<br>22<br>23<br>22.8<br>22.8<br>21.8<br>21.5  | Maximum.  °C. 31.5 30.5 30.5 30.6 29.8   | Mi<br>mu<br>24.<br>24.<br>23.<br>24.<br>24.<br>23.  |
|          | Maximum.  C 30.2 29.6 30.2 29.8 29.8 29.3 29.6 29.7   | Minimum.  23. 6 24. 3 25 23. 1 24. 1 22. 8 23. 4   | Maximum.  °C. 30.2 30.9 30.1 30.5 30.9 29.7   | Mini-<br>mum.  °C 22.8 24 24 23 24 23.7 24  | Carol Maximum.  *C. 32.3 33.3 32.7 32.2 33.2 33.2 32.8 28.1  | Minimum.  °C. 23. 4 22. 7 22. 5 24 23. 1 23. 1  | Maximum.  °C. 31.2 29.2 29.9 31.4 30.1 30.4  | Mini-<br>mum.  °C 21.4 21.5 22 21.1 22.4 22.1 21.4  | Maximum.  °C. 28.6 31.3 31.7 30.6 30.8 31.6 31.6  | Minimum.  °C. 20.1 20.1 21.5 20.6 19.5 20.3 20.6   | Maximum.  °C. 29.3 28.8 28.8 29.4 26.9 30.4  | Minimum.  C. 23. 1 22. 8 23. 1 22. 1 22. 3 22. 8 21. 8  | Maximum.  °C. 33.2 33.32.8 32.8 32.5 31 31  | Mini-<br>mum.<br>°C.<br>22<br>23<br>22. 8<br>22. 5<br>21. 8<br>21. 5  | Maximum.  °C. 31.5 30.5 30.6 30.6 29.8   | Mi<br>mu<br>24.<br>24.<br>23.<br>24.<br>24.<br>23.<br>24.   |
|          | Maxi-<br>mum.<br>C<br>30.2<br>29.6<br>30.2<br>29.8<br>29.8<br>29.8<br>29.6<br>29.7<br>30.1                                    | Minimum.  °C. 23.6 24.3 25 23.1 24.1 22.8 23.4 24.9  | Maximum.  °C. 30.2 30.9 30.9 30.1 30.5 30.9 29.8  | Mini-mum.  °C 22.8 24 23 24 23 24 23.7 24 23.5  | Carol Maximum.  °C. 32.3 33.3 32.7 32.2 33.2 32.8 28.1 29.7  | Minimum.  °C. 23. 4 22. 7 22. 5 24 24 23. 1 23. 1 23. 2   | Maximum.  °C. 31.2 29.2 29.9 31.4 30.1 30.1 30.4 30.3  | Minimum.  °C 21. 4 21. 5 22 21. 1 22. 4 22. 1 21. 4 21. 7   | Maximum.  °C. 28.6 31.3 31.7 30.6 30.8 31.6 31.6 32.2   | Minimum.  °C. 20.1 20.1 21.5 20.6 19.5 20.3 20.6 20.1  | Maximum.  °C. 29.3 28.8 28.8 29.4 26.9 28.9 30.4 30.4  | Minimum.  C. 23. 1 22. 8 23. 1 22. 1 22. 3 22. 8 21. 8 22. 8 22. 8  | Maximum.  °C. 33.2 33 32.8 32.5 31 31 33 32.8   | Mini-<br>mum.<br>°C.<br>22<br>23<br>22. 8<br>22. 5<br>21. 8<br>21. 5<br>22<br>22. 7   | Maximum.  °C. 31.5 30.5 30.6 29.8 31 32  | Mi<br>mu<br>24.<br>24.<br>23.<br>24.<br>23.<br>24.<br>23.<br>24.  |
|          | Maximum.  C 30.2 29.6 30.2 29.8 29.8 29.3 29.6 29.7 30.1 29.7   | Minimum.  °C. 23.6 24.3 25 23.1 24.1 22.8 23.4 24.9 23.9   | Maximum.  °C. 30.2 30.9 30.9 30.1 30.5 30.9 29.7 29.8 31.4  | Minimum.  °C 22.8 24 24 23 24 23.7 24 23.5 22.8   | Carol Maximum.  °C. 32.3 33.3 32.7 32.2 33.2 33.2 32.8 28.1 29.7 28.7  | Minimum.  °C. 23.4 22.7 22.5 24 23.1 23.1 23.2 23.1   | Maximum.  °C. 31.2 29.2 29.9 31.4 30.1 30.1 30.4 30.3  | Minimum.  °C 21.4 21.5 22 21.1 22.4 22.1 21.4 21.7 22.5   | Maximum.  °C. 28.6 31.3 31.7 30.6 30.8 31.6 31.6 32.2 31.4  | °C. 20.1 20.1 20.5 20.6 19.5 20.3 20.6 20.1 19.8   | Maximum.  °C. 29.3 28.8 28.8 29.4 26.9 28.9 30.4 30.4 27.7   | Minimum.  C. 23. 1 22. 8 23. 1 22. 1 22. 1 23. 3 22. 8 21. 8 22. 8 22. 8 23. 3  | Maximum.  °C. 33.2 33 32.8 32.5 31 31 33 32.3   | Mini-<br>mum.<br>°C.<br>22<br>23<br>22. 8<br>22. 5<br>21. 8<br>21. 5<br>22<br>22. 7<br>22. 9  | Maximum.  °C. 31.5 30.5 30.5 30.6 29.8 31 32 31.2  | Mi<br>mu<br>24.<br>24.<br>23.<br>24.<br>23.<br>24.<br>24.<br>23.<br>24.   |
|          | Maximum.  C 30.2 29.6 30.2 29.8 29.3 29.6 20.7 30.1 29.7 30.4   | Mini-<br>mum.<br>°C.<br>23. 6<br>24. 3<br>25. 23. 1<br>24. 1<br>22. 8<br>23. 4<br>24. 9<br>23. 9<br>23. 9<br>22. 7   | Maximum.  °C. 30.2 30.9 30.9 30.1 30.5 30.9 29.7 29.8 31.4 31.5   | Minimum.  °C 22.8 24 23 24 23.7 24 23.5 22.8 23.8   | Carol Maximum.  *C. 32.3 33.3 32.7 32.2 33.2 2 32.8 28.1 29.7 28.3   | Minimum.  °C. 23.4 22.7 22.5 24 24 23.1 23.1 23.2 23.1 23.5   | Maximum.  °C. 31.2 29.2 29.9 31.4 30.1 30.4 30.3 30.6 31.5   | Minimum.  °C 21.4 21.5 22 21.1 22.4 22.1 21.4 21.7 22.5 22.1  | Maximum.  °C. 28.6 31.3 31.7 30.6 30.8 31.6 31.6 31.6 32.2 31.4 32.6  | Minimum.  °C. 20.1 20.1 21.5 20.6 19.5 20.3 20.6 20.1 19.8 19.5  | Maximum.  °C. 29.3 28.8 28.8 29.4 26.9 28.9 30.4 30.4 27.7 28.7  | Minimum.  C. 23.1 22.8 23.1 22.1 22.3 22.8 21.8 22.8 23.3 22.8 23.3 22.2  | Maximum.  °C. 33.2 33 32.8 32.5 31 31 33 32.31 32.1   | Mini-<br>mum.<br>°C.<br>22<br>23<br>22. 8<br>22. 5<br>21. 8<br>21. 5<br>22<br>22. 7<br>22. 9<br>21. 8   | Maximum.  °C. 31.5 30.5 30.5 30.6 29.8 31 32 31.2 32.3   | Mi mu 24. 24. 24. 24. 24. 24. 24. 24.   |
|          | Maximum.  C 30.2 29.6 30.2 29.8 29.8 29.3 29.6 30.1 29.7 30.1 29.7 30.1   | Minimum.  °C. 23.6 24.3 25 23.1 24.1 22.8 23.4 24.9 23.9 22.7 23.6   | Maximum.  °C 30.2 30.9 30.1 30.5 30.9 29.7 29.8 31.4 31.5 32.6  | Minimum.  °C 22.8 24 24 23 24 23.7 24 23.5 22.8 23.8 24   | Carol Maximum.  °C. 32.3 33.3 32.7 32.2 33.2 32.8 28.1 29.7 28.7 28.7 31.7   | Minimum.  °C. 23. 4 22. 7 22. 5 24 23. 1 23. 1 23. 2 23. 1 22. 5 22. 7  | Maximum.  °C. 31.2 29.2 29.9 31.4 30.1 30.4 30.3 30.6 31.5 30.3  | Minimum.  °C 21. 4 21. 5 22 21. 1 22. 4 22. 1 21. 7 22. 5 22. 1 20. 7   | Maximum.  °C. 28.6 31.3 31.7 30.6 30.8 31.6 31.6 32.2 31.4 32.6 32.2 33.2   | Minimum.  °C. 20.1 20.1 21.5 20.6 19.5 20.3 20.6 20.1 19.8 19.5 19.5 18.5  | Maximum.  °C. 29.3 28.8 29.4 26.9 28.9 30.4 27.7 28.7  | Minimum.  C. 23. 1 22. 8 23. 1 22. 1 22. 8 21. 8 22. 8 22. 8 23. 3 22. 2 23. 5  | Maximum.  °C. 33.2 33 32.8 32.5 31 31 31 32.1 229.8   | Mini-<br>mum.  °C. 22 23 22. 8 22. 5 21. 8 21. 5 22 22. 7 22. 9 21. 8 21. 6   | Maximum.  °C. 31.5 30.5 30.6 29.8 31 32 31.2 32 31.2   | Mi:<br>mu<br>24.<br>24.<br>23.<br>24.<br>23.<br>24.<br>24.<br>24.<br>24.<br>24.<br>24.<br>24.   |
|          | Maximum.  C 30.2 29.6 30.2 29.8 29.8 29.7 30.1 29.7 30.4 32.1 28.1  | Minimum.  °C. 23. 6 24. 3 25 23. 1 24. 1 22. 8 23. 4 24. 9 23. 9 22. 7 23. 6 25. 2 25. 7   | Maximum.  °C. 30.2 30.9 30.9 30.1 30.5 30.9 29.7 29.8 31.4 31.5   | Minimum.  °C 22.8 24 23 24 23.7 24 23.5 22.8 23.8   | Carol Maximum.  *C. 32.3 33.3 32.7 32.2 33.2 32.8 28.1 29.7 28.7 28.3 31.7 29.7 33.2   | Minimum.  °C. 23.4 22.7 22.5 24 23.1 23.1 23.2 23.1 22.5 22? 24.4 23.2  | Maximum.  °C. 31.2 29.2 29.9 31.4 30.1 30.4 30.3 30.6 31.5   | Minimum.  °C 21.4 21.5 22 21.1 22.4 22.1 21.4 21.7 22.5 22.1  | Maximum.  °C. 28.6 31.3 31.7 30.6 30.8 31.6 31.6 31.6 32.2 31.4 32.6  | Minimum.  °C. 20.1 20.1 21.5 20.6 19.5 20.3 20.6 20.1 19.8 19.5  | Maximum.  °C. 29.3 28.8 28.8 29.4 26.9 28.9 30.4 30.4 27.7 28.7  | Minimum.  C. 23. 1 22. 8 23. 1 22. 1 22. 8 21. 8 22. 8 21. 8 22. 8 23. 3 22. 2 23. 5 24 25. 8   | Maximum.  °C. 33.2 33 32.8 32.5 31 31 33 32.31 32.1   | Mini-<br>mum.  °C. 22 23 22.8 22.5 21.5 22 22.7 22.9 21.8 21.6 22 23  | Maximum.  °C. 31.5 30.5 30.5 30.6 29.8 31 32 31.2 32 31.31 31  | Mi mu 24. 24. 23. 24. 24. 24. 24. 24. 25. 26 25.  |
|          | Maximum.  C 30.2 29.6 30.2 29.8 29.3 29.6 29.7 30.1 29.7 30.4 32.1 28.1 32.5 34.5   | Minimum.  C. 23.6 24.3 25.1 24.1 22.8 23.4 24.9 23.9 22.7 23.6 25.2 25.7   | Maximum.  °C. 30. 2 30. 9 30. 9 30. 1 30. 5 30. 9 29. 8 31. 4 31. 5 32. 6 30. 4 31. 2 31  | Minimum.  °C 22.8 24 24 23 24 23.7 24 23.5 22.8 23.8 24 23.9 21.2 20 6  | Carol Maximum.  °C. 32.3 33.3 32.7 32.2 33.2 32.8 28.1 29.7 28.7 28.7 29.7 31.7 29.7 33.2 32.7   | Minimum.  °C. 23. 4 22. 7 22. 5 24 23. 1 23. 1 23. 1 23. 2 23. 1 22. 5 22? 24. 4 23. 2 23. 2  | Maximum.  °C. 31. 2 29. 2 29. 9 31. 4 30. 1 30. 1 30. 3 30. 6 31. 5 30. 3 30. 9 31. 2  | Minimum.  °C 21. 4 21. 5 22 21. 1 22. 4 22. 1 21. 4 22. 1 21. 7 22. 5 22. 1 20. 7 23. 9 23 21. 8  | Maximum.  °C. 28.6 31.3 31.7 30.6 30.8 31.6 31.6 32.2 31.4 32.6 33.2 33.1 32.1 32.1   | Minimum.  °C. 20.1 20.1 21.5 20.6 19.5 20.3 20.6 20.1 19.8 19.5 19.5 20.3  | Maximum.  °C. 29.3 28.8 28.8 29.4 26.9 28.9 30.4 27.7 28.7 28.7 28.7 30.4 27.8 27.8  | Minimum.  C. 23. 1 22. 8 23. 1 22. 8 23. 3 22. 8 21. 8 22. 8 23. 3 22. 2 23. 5 24 25. 8 22. 6   | Maximum.  °C. 33.2 33.32.8 32.5 31 31 31 32.1 29.8 30 30 30 33.1  | Minimum.  °C. 22 23 22. 8 21. 8 21. 5 22. 7 22. 9 21. 8 21. 6 22 23 22. 5   | Maximum.  °C. 31.5 30.5 30.6 29.8 31 32 31.2 32 31.2 31 31 31 31.31.2  | Mi mu 24. 24. 23. 24. 24. 24. 24. 24. 25. 26 25. 23.  |
|          | Maximum.  C 30.2 29.6 30.2 29.8 29.3 29.6 29.7 30.1 29.7 30.4 32.1 32.5 34.5  | Minimum.  °C. 23.6 24.3 25.1 24.1 22.8 23.4 24.9 22.7 23.6 25.7 25.7 25.7 21.2   | Maximum.  °C. 30. 2 30. 9 30. 1 30. 5 30. 9 29. 7 29. 8 31. 4 31. 5 32. 6 30. 4 31. 2 31  | Minimum.  °C 22.8 24 24 23 24 23.5 22.8 23.8 24 23.9 21.2 20 6 21.4   | Carol Maximum.  *C. 32.3 33.3 32.7 32.2 32.8 28.1 29.7 28.3 31.7 29.7 33.2 32.7 33.2   | Minimum.  °C. 23.4 22.7 22.5 24 23.1 23.1 23.2 23.1 22.5 22.2 23.2 23.2 23.2 23.2 23.2 23.2   | Maximum.  °C. 31.2 29.2 29.9 31.4 30.1 30.4 30.3 30.6 31.5 30.3 28.3 30.9 31.2   | Minimum.  °C 21. 4 21. 5 22 21. 1 22. 4 22. 1 21. 4 21. 7 22. 5 22. 1 20. 7 23. 9 23 21. 8 22   | Maximum.  °C. 28.6 31.3 31.7 30.6 30.8 31.6 32.2 31.4 32.6 33.2 33.1 32.1 32.1  | Minimum.  °C. 20.1 20.1 21.5 20.6 19.5 20.6 20.1 19.5 20.6 20.1 19.5 18.5 19.5 20.3  | Maximum.  °C. 29.3 28.8 28.8 29.4 26.9 30.4 30.4 27.7 28.7 28.4 27.8 28.9 30.4 30.3  | Minimum.  C. 23. 1 22. 8 23. 1 22. 1 22. 3 22. 8 21. 8 22. 8 23. 3 22. 2 23. 5 24 25. 8 22. 6 21. 3   | Maximum.  °C. 33.2 33 32.8 32.5 31 31 32.1 29.8 30 30 33.1 34.2   | Minimum.  *C. 22 23 22.8 22.5 21.8 21.5 22 22.7 22.9 21.8 21.6 22 23 22.5 22 23 22.5  | Maximum.  °C. 31.5 30.5 30.6 29.8 31 32 31.2 31 31 31,2 31.3   | Mi:<br>mu<br>24.<br>24.<br>23.<br>24.<br>24.<br>24.<br>24.<br>25.<br>25.<br>23.<br>24.  |
|          | Maximum.  C 30.2 29.6 30.2 29.8 29.7 30.1 29.7 30.1 29.7 30.4 32.1 28.1 32.5 34.5 32.6  | Minimum.  23.6 24.3 25.1 24.1 22.8 23.4 24.9 23.9 22.7 23.6 25.7 25.7 25.7 21.2 21.2   | Maximum.  °C. 30.2 30.9 30.9 30.1 30.5 30.9 29.7 29.8 31.4 31.5 32.6 30.4 31.2 31.3 30.4  | Minimum.  °C 22.8 24 23.7 24 23.5 22.8 23.8 24 23.9 21.9 21.9 21.4  | Carol Maximum.  °C. 32.3 33.3 32.7 32.2 33.2 32.8 28.7 28.7 28.7 29.7 33.2 32.6  | Minimum.  °C. 23.4 22.7 22.5 24 24 23.1 23.1 23.2 23.1 22.5 22? 24.4 23.2 23.2 23.2 23.2 23.2   | Maximum.  °C. 31.2 29.2 29.9 31.4 30.1 30.4 30.3 30.6 31.5 30.3 28.3 30.9 31.2 31  | Minimum.  °C 21. 4 21. 5 22 21. 1 22. 4 22. 1 21. 7 22. 5 22. 1 20. 7 23. 9 23 21. 8 22 23 21. 8  | Maximum.  °C. 28.6 31.3 31.7 30.6 30.8 31.6 32.2 31.4 32.6 33.2 33.1 30.1 32.6 31.6 31.6                                      | Minimum.  20. 1 20. 1 20. 1 20. 5 20. 3 20. 6 20. 1 19. 8 19. 5 19. 5 19. 5 19. 5 19. 5 20. 3 18 19. 9 20. 2   | Maximum.  *C. 29.3 28.8 28.8 29.4 26.9 28.9 30.4 27.7 28.4 27.8 28.9 30.4 30.3 29.4  | Minimum.  C. 23.1 22.8 23.1 22.1 23.3 22.8 21.8 22.8 23.5 24 25.8 22.6 21.3 22.6  | Maximum.  °C. 33.2 33 32.8 32.5 31 31 32.1 29.8 30 30.33.1 34.2 32  | Minimum.  °C. 22 23 22. 8 21. 8 21. 5 22 22. 7 22. 9 21. 8 21. 6 22 23 22. 5 22 23  | Maximum.  °C. 31.5 30.5 30.6 30.6 30.6 32.3 31 31 31 31 31.2 31.3 31.8   | Mi:<br>mu<br>24.<br>24.<br>23.<br>24.<br>23.<br>24.<br>24.<br>24.<br>22.<br>26.<br>25.<br>23.<br>24.<br>24.   |
|          | Maximum.  C 30.2 29.6 30.2 29.8 29.3 29.6 29.7 30.1 29.7 30.4 32.1 32.5 34.5 32.6 30.5 31.2                                   | Minimum.  °C. 23.6 24.3 25.23.1 24.1 22.8 23.4 24.9 22.7 23.6 25.2 25.7 21.2 21.2 23.6   | Maximum.  °C. 30. 2 30. 9 30. 1 30. 5 30. 9 30. 1 30. 5 30. 4 31. 5 32. 6 30. 4 31. 2 31 30. 4 30. 4  | Minimum.  °C 22.8 24 23 24 23.7 24 23.5 22.8 23.8 24 23.9 21.2 20.6 21.4 22.4 23.2  | Maximum.  **C. 32.3 33.3 32.7 32.2 33.2 32.8 129.7 28.3 31.7 29.7 33.2 32.6 32.6 32  | Minimum.  °C. 23. 4 22. 7 22. 5 24 24 23. 1 23. 1 23. 2 23. 1 22. 5 22? 24. 4 23. 2 23 24 23 24 23 24 23 24 23 24 23 24   | Maximum.  °C. 31.2 29.2 29.2 31.4 30.1 30.4 30.3 30.6 31.5 30.8 30.9 31.2 31 30.6 30.6   | Minimum.  °C 21. 4 21. 5 22 21. 1 22. 4 22. 1 21. 4 21. 7 22. 5 22. 1 20. 7 23. 9 23 21. 8 22 22. 6 22  | Maximum.  °C. 28.6 31.3 31.7 30.6 30.8 31.6 31.6 32.2 33.1 32.1 33.2 33.2 33.1 32.6 31.6 31.6 31.6                            | Minimum.  °C. 20.1 20.1 21.5 20.6 19.5 20.3 20.6 20.1 19.8 19.5 18.5 18.5 19.5 20.3 18.9 20.2 20.6   | Maximum.  °C. 29.3 28.8 29.4 26.9 30.4 30.4 30.4 27.7 28.7 28.7 28.9 30.4 30.3 29.4 20.9   | Minimum.  C. 23. 1 22. 8 23. 1 22. 1 23. 3 22. 8 21. 8 22. 8 23. 5 24 25. 8 22. 6 21. 3 22. 5 23. 5   | Maximum.  °C. 33.2 33 32.8 32.5 31 33.3 32.1 32.1 29.8 30 30 33.1 34.2 32.3   | Minimum.  °C. 22 23 22. 8 22. 5 21. 5 22 22. 7 22. 9 21. 6 22 23 22. 5 22 23 22. 5 22 23 23. 23. 2  | Maximum.  °C. 31.5 30.5 30.5 30.6 29.8 31 32 31.2 31.3 31.8 31.8 30.6  | Mi:<br>mu<br>24.<br>24.<br>23.<br>24.<br>24.<br>24.<br>24.<br>25.<br>26.<br>25.<br>23.<br>24.<br>24.<br>24.<br>24.<br>24.<br>24.<br>24.<br>24.<br>24.<br>24 |
|          | Maximum.  C 30.2 29.6 30.2 29.8 29.8 29.6 29.7 30.1 29.7 30.4 32.1 28.1 32.5 34.5 32.6 30.5 31.2                              | Minimum.  *C. 23.6 24.3 25.1 24.1 22.8 23.4 24.9 23.9 23.6 25.7 25.7 25.7 25.7 21.2 23.6 23.8  | Maximum.  °C 30.2 30.9 30.1 30.5 30.9 29.7 31.4 31.4 31.4 31.4 31.4 31.4 30.4 30.4 29.4   | Minimum.  °C 22.8 24 23 24 23.5 22.8 24 23.9 21.2 20 6 21.4 22.4 23.2 24.6  | Carol Maximum.  *C. 32.3 33.3 32.7 32.2 33.2 28.1 29.7 28.3 31.7 29.7 33.2 232.7 33.2 32.6 32 33.8   | Minimum.  °C. 23.4 22.7 22.5 24 23.1 23.1 23.1 22.5 22? 24.4 23.2 23.2 23.2 23.2 23.2 23.2 23.2   | Maximum.  °C. 31.2 29.2 29.9 31.4 30.1 30.4 30.3 30.6 31.5 30.3 28.3 30.9 31.2 31 30.6 30.1  | Minimum.  °C 21. 4 21. 5 22 21. 1 22. 4 22. 1 21. 7 22. 5 22. 1 20. 7 23. 9 23 21. 8 22 23 21. 8  | Maximum.  °C. 28.6 31.3 31.7 30.6 31.6 31.6 32.2 31.4 32.6 33.2 33.1 30.1 30.1 32.6 31.6 31.8                                 | Minimum.  °C. 20.1 20.1 20.6 19.6 20.8 20.6 20.1 19.8 19.5 18.5 19.5 20.3 20.6 20.1  | Maximum.  °C. 29.3 28.8 29.4 26.9 30.4 27.7 28.4 27.8 28.9 30.4 30.3 29.4 29.9   | Minimum.  C. 23. 1 22. 1 22. 1 22. 3 23. 3 22. 8 21. 8 22. 8 23. 3 22. 2 23. 5 24. 8 22. 6 21. 6 21. 3 22. 5 23. 3 22. 8  | Maximum.  °C. 33.2 33 32.8 32.5 31 31 32.1 29.8 30 33.1 34.2 32.3 33.1 34.2 32.3 33.1 34.2 32.3   | Minimum.  *C. 22 23 22. 8 22. 5 21. 8 21. 5 22 22. 7 22. 9 21. 6 22 23 22. 5 22 23 22. 5 22 23 23. 2  | Maximum.  °C. 31.5 30.5 30.6 29.8 31 32 31.2 32 31 31 31.8 30.6 30.7   | Min mu 24. 24. 24. 24. 24. 24. 24. 24. 24. 24.  |
|          | Maximum.  C 30.2 29.6 30.2 29.8 29.3 29.6 29.7 30.1 29.7 30.4 32.1 32.5 34.5 32.6 30.5 31.2 30.4 30.2                         | Minimum.  *C. 23.6 24.3 25.1 24.1 22.8 23.4 24.9 23.9 23.7 25.6 25.7 25.7 21.2 21.2 21.2 23.6 23.8 24.1  | Maximum.  °C 230.9 30.9 30.1 30.5 30.9 29.8 31.4 31.5 32.6 30.4 31.2 31 30.4 30.9 30.9  | Minimum.  °C 22.8 24 23 24 23.7 24 23.5 22.8 24.9 21.2 20 6 21.4 22.4 22.4 23.4 23.4 23.4 23.4 23.4 23                    | Carol Maximum.  *C. 32.3 33.3 32.7 32.2 32.2 32.8 28.1 29.7 28.7 28.7 28.7 28.7 29.7 33.2 32.6 32.6 32.8   | Minimum.  °C. 23. 4 22. 7 22. 5 24 23. 1 23. 1 23. 2 23. 1 22. 5 22? 24. 4 23. 2 23. 2 23. 6 23. 3 24. 4 23. 3 24. 4 23. 2 23. 6 23. 3  | Maximum.  °C. 31.2 29.2 29.2 31.4 30.1 30.4 30.3 30.6 31.5 30.8 30.9 31.2 31 30.6 30.6   | Minimum.  °C 21. 4 21. 5 22 21. 1 22. 4 22. 1 21. 7 22. 5 22. 1 20. 7 23. 9 23 21. 8 22 22. 6 22 22 22. 7   | Maximum.  °C. 28.6 31.3 31.7 30.6 30.8 31.6 31.6 32.2 33.1 32.1 33.2 33.2 33.1 32.6 31.6 31.6 31.6                            | Minimum.  °C. 20. 1 20. 1 21. 5 20. 6 19. 5 20. 3 20. 6 20. 1 19. 8 19. 5 18. 5 19. 5 19. 5 20. 3 18 19. 9 20. 2 20. 6 21. 9 21. 2 20. 7   | Maximum.  °C. 29.3 28.8 29.4 26.9 30.4 30.4 30.4 27.7 28.7 28.7 28.9 30.4 30.3 29.4 20.9   | Minimum.  C. 23. 1 22. 8 23. 1 22. 8 21. 8 22. 8 22. 8 22. 8 22. 5 24 25. 8 22. 6 21. 3 22. 5 23. 5 22. 8 21. 7 22. 8   | Maximum.  °C. 33.2 33 32.8 32.5 31 33.3 32.1 32.1 29.8 30 30 33.1 34.2 32.3   | Minimum.  *C. 22 23 22.8 22.5 21.5 22 22.7 22.9 21.6 22 23 23.2 23.2 23.2 23.2 23.2 23.2 2  | Maximum.  °C. 31.5 30.5 30.5 30.6 29.8 31 32 31.2 32 31.3 31.8 30.6 30.7 31 30.5   | Min mu 24. 24. 24. 24. 24. 24. 24. 24. 24. 24.  |
|          | Maximum.  C 30, 2 29, 6 30, 2 29, 8 29, 3 29, 6 30, 1 29, 7 30, 4 32, 1 28, 1 32, 5 34, 5 34, 5 32, 6 30, 2 30, 4 30, 2 30, 8 | Minimum.  °C. 23. 6 24. 3 25 1 24. 1 22. 8 23. 4 24. 9 22. 7 23. 6 25. 2 25. 7 21. 2 21. 2 23. 6 23. 8 24. 1 23. 7 23. 6   | Maximum.  °C. 30. 2 30. 9 30. 9 30. 9 30. 1 30. 5 30. 9 31. 4 31. 5 32. 6 30. 4 31. 2 31 30. 4 30. 9 30. 8 31. 8  | Minimum.  °C 22.8 24 24 23 24 23.5 22.8 23.8 24 23.9 21.2 20 6 21.4 22.4 23.2 24.6 24.1 23.4 24.5                         | Caro<br>Maxi-<br>mum.<br>°C.<br>32.3<br>33.3<br>32.7<br>32.2<br>33.2<br>32.8<br>28.1<br>29.7<br>28.3<br>31.7<br>29.7<br>33.2<br>32.7<br>33.2<br>32.7<br>33.2<br>32.7<br>33.2<br>32.7<br>33.2<br>32.7<br>33.3<br>31.7<br>32.2<br>32.8<br>32.8<br>32.7<br>33.2<br>32.7<br>33.2<br>33.3<br>32.7<br>33.2<br>33.3<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7<br>31.7   | Minimum.  °C. 23.4 22.7 22.5 24 23.1 23.1 23.2 23.1 22.5 22? 24.4 23.2 23 23 24 23 23 24 23 23 24 23 23 24 23 23 24 23 23 24 23 23 24 23 23 24 23 23 24 23 23 24 23 23 24 23 23 24 23 23 24 23 23 24 23 23 24 23 23 24 23 23 24 23 23 24 23 23 24 23 24 23 23 24 24 23 24 24 23 24 24 24 25 26 26 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28  | Maximum.  °C. 31.229.229.9 31.4 30.1 30.4 30.3 30.6 31.5 30.3 28.3 30.9 31.2 31 30.6 30.1 30.4   | Minimum.  °C 21.4 21.5 22.1 22.4 22.1 21.4 21.7 22.5 22.1 20.7 23.9 23 21.8 22 22 22 21.7 23.1  | Maximum.  °C. 28.6 31.3 31.7 30.6 30.8 31.6 32.2 33.1 32.1 32.1 32.1 32.1 32.1 32.1   | Minimum.  °C. 20. 1 20. 1 21. 5 20. 6 19. 5 20. 6 20. 1 19. 8 19. 5 18. 5 18. 5 18. 5 20. 3 18 19. 9 20. 2 20. 6 21. 9 21. 2 20. 7   | Maximum.  °C. 29.3 28.8 28.8 29.4 26.9 28.9 30.4 27.7 28.7 28.4 27.8 28.9 30.4 27.8 28.9 30.7 29.8 30.7 29.8   | Minimum.  C. 23. 1 22. 8 23. 1 22. 1 23. 3 22. 2 23. 5 24 25. 8 22. 6 21. 3 22. 5 23. 3 22. 2 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8   | Maximum.  °C. 33.2 33 32.8 32.5 31 31 33 32.1 32.1 29.8 30 30 33.1 34.2 33.1 32.6 30.9 33.1   | Minimum.  *C. 22 23 22. 8 22. 8 21. 8 21. 5 22. 7 22. 9 21. 8 21. 6 22 23 22. 5 22 23 23. 2 23. 5 22. 5 22. 5 22. 5                               | Maximum.  ° C. 31.5 30.5 30.6 29.8 31.2 32.31.2 31.3 31.8 30.6 30.7 31.8 30.5 32   | Minmu 24. 24. 23. 24. 24. 24. 24. 24. 24. 24. 24. 24. 24  |
|          | Maximum.  C 30, 2 29, 6 30, 2 29, 6 30, 2 29, 7 30, 1 29, 7 30, 4 32, 1 28, 1 32, 5 31, 2 30, 4 30, 2 30, 8                   | Minimum.  °C. 23. 6 24. 3 25 23. 1 24. 1 22. 8 23. 4 24. 9 23. 9 25. 7 23. 6 23. 6 23. 8 24. 1 24. 2 25. 7 21. 2 25. 7 21. 2 21. 2 23. 6 23. 8 24. 1   | Maximum.  °C. 30.2 30.9 30.9 30.1 30.5 30.9 29.7 29.8 31.4 31.5 32.6 30.4 31.2 31 30.4 30.9 30.8 31.8 29.8  | Minimum.  °C 22.8 24 24 23.7 24 23.5 22.8 24.2 23.9 21.2 20.6 21.4 22.4 23.4 24.6 24.1 24.5 24                            | Caro<br>Maxi-<br>mum.<br>°C.<br>32.3<br>33.2<br>33.2<br>33.2<br>32.2<br>32.8<br>28.1<br>29.7<br>28.3<br>31.7<br>29.7<br>33.2<br>32.6<br>32.6<br>32.6<br>32.6<br>32.2<br>33.8   | Minimum.  °C. 23.4 22.7 22.5 24 23.1 23.1 23.2 23.1 22.5 22? 24.4 23.2 23.2 24.2 24   | Maximum.  °C. 31.29.2 29.9 31.4 30.1 30.1 30.4 30.3 30.6 31.5 31.2 31.2 31.3 30.4 30.4 30.1  | Minimum.  *C 21. 4 21. 5 22 21. 1 22. 4 22. 1 21. 7 22. 5 22 22 22 22 22 22 22 22 22 23 3 1 23 1 23   | Maximum.  °C. 28.6 31.3 31.7 30.6 30.8 31.6 32.2 31.4 32.6 33.2 33.1 32.1 32.6 31.6 31.8 31.1 32.8                            | Minimum.  °C. 20. 1 20. 1 21. 5 20. 6 20. 3 20. 6 20. 1 19. 8 19. 5 18. 5 19. 5 20. 3 18 19. 9 20. 2 20. 6 21. 2 20. 7 19. 5 20. 1   | Maximum.  °C. 29.3 28.8 28.8 29.4 30.4 27.7 28.7 28.4 30.3 29.4 29.9 30.3 30.7 29.8 27.7 29.8 7 29.8 27.7 29.8 7 29.8 27.7 29.8 27.7 29.8 27.7 29.8 27.7 29.8 27.7 29.8 27.1 26.9  | Minimum.  C. 23.1 22.8 23.3 22.8 22.2 23.5 24 25.8 22.5 22.3 22.8 22.8 22.8 22.8 22.3 322.8 22.5 23.3 22.8 23.2 22.8 23.3 22.8 23.2 22.2 22 | Maximum.  oC. 33.2 33.3 32.8 32.5 31 31 32.1 29.8 30 30 30 33.1 34.2 32.6 30.9 33.1 32.8  | Minimum.  *C. 22 23 22.8 22.5 21.8 21.5 22 22.7 22.9 21.8 21.6 22 23 22.5 22.5 22.5 22.5 22.5 22.5 22.  | Maximum.  **C. 31.5 30.5 30.5 30.6 29.8 31 32 31.2 32 31.3 31.8 30.6 30.7 31 30.5 32 29.1  | Min mu 24. 24. 23. 24. 24. 23. 24. 24. 24. 24. 24. 24. 24. 24. 24. 24   |
|          | Maximum.  C 30, 2 29, 6 30, 2 29, 6 30, 2 29, 7 30, 1 29, 7 30, 4 32, 1 28, 1 32, 5 31, 2 30, 4 30, 2 30, 8                   | Minimum.  °C 23. 6 24. 3 25. 1 24. 1 22. 8 23. 4 24. 9 22. 7 25. 7 21. 2 25. 7 21. 2 23. 6 25. 2 25. 7 21. 2 23. 6 23. 6 23. 6 23. 6 23. 6 23. 6   | Maximum.  °C. 30. 2 30. 9 30. 9 30. 9 30. 1 30. 5 30. 9 29. 7 29. 8 31. 4 31. 5 32. 6 30. 4 31. 2 31. 4 30. 9 30. 4 30. 9 30. 8 29. 8 29. 8                   | Minimum.  °C 22.8 24 24 23 24 23.5 22.8 23.8 24.23.9 21.2 20 6 21.4 23.2 24.6 24.1 23.4 24.5 24.5                         | Carol Maximum.  °C. 32.3 33.3 32.7 32.2 32.8 28.1 29.7 28.7 28.7 33.2 32.6 32.6 32.6 32.6 32.6 32.6 32.2 32.2  | Minimum.  °C. 23.4 22.7 22.5 24 23.1 23.1 23.2 23.1 22.5 22? 24.4 23.2 23.2 23.2 23.2 23.2 23.2 23.2  | Maximum.  °C. 31.2 29.2 29.9 31.4 30.1 30.4 30.3 30.6 31.5 30.3 30.9 31.2 31 30.6 30.1 30.4 30.1 30.4 30.1 30.6  | Minimum.  °C 21. 4 21. 5 22 21. 1 22. 4 22. 1 22. 5 22. 1 20. 7 23. 9 23 21. 8 22 22 22 22 21. 7 23. 1 23 21. 6   | Maximum.  °C. 6 28.6 31.3 31.7 30.6 30.8 31.6 32.2 31.4 32.6 33.2 33.1 32.1 32.1 32.1 32.1 31.7 31.8 31.1 31.7 31.8           | Minimum.  °C. 20.1 21.5 20.6 19.5 20.8 20.6 19.5 19.5 19.5 19.5 20.8 19.5 20.6 20.1 19.8 19.5 19.5 20.6 20.1 19.8 20.2 20.6 20.1 20.7 19.5 20.1  | Maximum.  °C. 29,3 28.8 28.8 29.4 26.9 28.9 28.7 28.7 28.7 28.4 27.8 28.9 30.4 29.9 30.3 29.4 29.9 30.3  | Minimum.  C. 23. 1 22. 8 23. 1 22. 8 22. 8 22. 8 22. 8 22. 23. 5 24 25. 8 22. 6 21. 3 22. 8 21. 7 22. 8 21. 7 22. 8 21. 7 22. 8 21. 7   | Maximum.  °C. 33.2 33.32.8 32.5 31 33.32.31 32.31 32.98 30 30 30.1 34.2 32.1 32.6 30.9 33.1 31.8  | Minimum.  *C. 22 23 22. 8 21. 8 21. 5 21. 8 21. 6 22 22. 7 22. 9 21. 8 21. 6 22 23 23. 5 21. 3 22. 5 22. 9 22. 6 23. 6 23. 6                      | Maximum.  31.5 30.5 30.6 29.8 31 32 31.2 32 31.3 31.8 30.6 30.7 31.9 30.6 30.7 31.9 30.6   | Minmu 24. 24. 23. 24. 24. 24. 24. 24. 24. 24. 24. 24. 24  |
|          | Maximum.  C 30, 2 29, 6 30, 2 29, 6 30, 2 29, 7 30, 1 29, 7 30, 4 32, 1 28, 1 32, 5 31, 2 30, 4 30, 2 30, 8                   | Minimum.  °C. 23. 6 24. 3 25 23. 1 24. 1 22. 8 23. 9 22. 7 23. 6 25. 7 21. 2 21. 2 21. 2 23. 6 23. 8 24. 1 23. 7 23. 6 23. 8 24. 1 23. 7 23. 6 23. 8 24. 1 23. 7 23. 6 23. 8 24. 2   | Maximum.  °C. 30. 2 30. 9 30. 9 30. 1 30. 5 30. 9 29. 7 29. 8 31. 4 31. 5 32. 6 30. 4 31. 2 31 30. 4 30. 9 30. 8 31. 8 29. 8 29. 8 30. 9                      | Minimum.  °C 22.8 24 23 24 23.7 24 23.5 22.8 23.8 24 23.9 21.2 20.6 21.4 22.4 23.2 24.6 24.1 23.4 24.5 24 23.1            | Carol Maximum.  *C. 32.3 33.2 33.2 33.2 33.2 32.8 28.7 33.2 33.7 33.2 33.7 33.2 33.7 33.2 33.2   | Minimum.  °C. 23.4 22.7 22.5 24 23.1 23.2 23.1 22.5 22.9 24.4 23.2 23 23 24.4 23.2 23 24.4 23.2 23.6 23.6 23.6 23.6 23.6 23.6 23.6  | Maximum.  °C. 31, 229, 2 29, 9 31, 4 30, 1 30, 4 30, 3 30, 8 30, 9 31, 2 31 30, 4 30, 1 30, 4 30, 1 30, 2 30, 3 30, 9 31, 2 31 30, 6 30, 7   | Minimum.  °C 21. 4 21. 5 22 4 22. 1 21. 7 22. 5 22 22 22 21. 7 23. 9 23 21. 8 22 22 22 21. 7 23. 1 23 21. 6 22. 6 22. 6 22. 6   | Maximum.  °C. 28.6 31.3 31.7 30.6 30.8 31.6 32.2 33.1 32.1 32.1 32.1 32.6 31.8 31.1 32.3 31.9                                 | Minimum.  °C. 20. 1 20. 1 20. 1 21. 5 20. 6 20. 6 20. 1 19. 5 19. 5 19. 5 19. 5 20. 3 18. 5 20. 3 18. 9 20. 2 20. 7 19. 5 20. 1 21. 5 20. 7 19. 5 20. 1 21. 5 20. 7  | Maximum.  °C. 29.3 28.8 28.8 29.4 30.4 27.7 28.7 28.7 28.9 30.4 30.3 29.9 30.3 30.7 29.8 27.1 29.4 20.9 30.7 29.8 27.1 29.4 20.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1 | Minimum.  C. 23.1 22.8 23.1 22.1 8 21.8 22.5 22.5 24 25.8 22.5 22.5 22.5 23.3 22.8 22.7 22.8 23.3 22.8 21.7 22.8 23.7 22.8 21.8 21.7 23.7   | Maximum.  oC. 33.2 33 32.8 32.5 31 31 32.1 29.8 30 30 33.1 34.2 32.6 33.1 34.2 32.6 33.1 32.6 33.1 32.6 33.1 32.6 33.1                                    | Minimum.  °C. 223 22.8 22.1.8 21.5 22.7 22.9 21.8 21.6 22 23.2 23.2 23.2 23.5 22.5 22.5 22.5 2  | Maximum.  31.5 30.5 30.5 30.6 29.8 31 32 31.2 31.3 31.8 30.6 30.7 31 30.5 30.5 30.6 30.7 31 30.6 30.7  | Minmu 24. 24. 24. 24. 24. 24. 24. 24. 24. 24.   |
|          | Maximum.  C 30, 2 29, 6 30, 2 29, 6 30, 2 29, 7 30, 1 29, 7 30, 4 32, 1 28, 1 32, 5 31, 2 30, 4 30, 2 30, 8                   | Minimum.  23. 6 24. 3 25. 1 24. 1 22. 8 23. 4 24. 9 22. 7 25. 7 25. 7 25. 7 21. 2 23. 6 23. 2 25. 7  | Maximum.  °C. 30. 2 30. 9 30. 9 30. 1 30. 5 30. 9 29. 7 29. 8 31. 4 31. 5 32. 6 30. 4 31. 2 31 30. 4 30. 9 30. 8 31. 8 29. 8 31. 8 29. 6 30. 2                | Minimum.  °C 22.8 24 24 23 24 23.5 22.8 23.8 24 23.9 21.2 20 6 21.4 23.2 24.6 24.1 23.4 24.5 24.5 24.5                    | Carol Maximum.  *C. 32.3 33.3 32.7 32.2 32.2 32.8 28.1 29.7 28.7 28.7 28.7 28.7 29.7 33.2 32.6 32.6 32.2 33.8 32.6 32.2 33.8 32.6 32.2 33.7 33.8   | Minimum.  °C. 23. 4 22. 7 22. 5 24 23. 1 23. 1 23. 2 23. 1 22. 5 22? 24. 4 23. 2 23. 2 23. 6 23. 3 24. 4 23. 2 23. 6 23. 3 24. 4 23. 2 23. 6 23. 3 24. 4 23. 2 24. 4 25. 4  | Maximum.  °C. 31.229.2 29.9 31.4 30.1 30.4 30.3 30.6 31.5 30.3 28.3 30.9 31.2 31.0 30.4 30.1 30.4 30.1 30.4 30.7 30.7 30.8   | Minimum  °C 21. 4 21. 5 22. 1 22. 4 22. 1 21. 4 21. 7 23. 9 23 21. 8 22. 6 22 22 22 21. 7 23. 1 23. 1 23. 6 22. 6 22. 6 22. 6 22. 6 22. 6 22. 6                         | Maximum.  °C. 6 28.6 31.3 31.7 30.6 30.8 31.6 32.2 33.1 32.6 33.2 33.1 30.1 30.1 30.1 30.1 31.8 31.1 31.7 31.8 31.1 31.9 31.9 | Minimum.  20. 1 21. 5 20. 1 21. 5 20. 6 20. 1 19. 8 19. 5 19. 5 19. 5 20. 3 18 19. 9 20. 2 20. 6 21. 9 21. 2 20. 6 21. 9 21. 2 20. 6 21. 9 21. 2 20. 6 21. 9 21. 2 20. 6 21. 9 21. 2 20. 6 21. 9 21. 2 20. 6 21. 9 21. 2 20. 6 | Maximum.  °C. 29,3 28.8 28.8 29.4 26.9 30.4 30.4 27.7 28.7 28.4 27.8 30.3 30.7 29.4 29.9 30.3 30.7 29.8  | Minimum.  C. 28. 1 22. 8 23. 1 22. 8 21. 8 21. 8 21. 8 22. 8 23. 3 22. 23. 5 24 25. 8 22. 6 21. 3 22. 8 22. 8 22. 8 22. 7 23. 8 21. 7 23. 8 21. 7 23. 8   | Maximum.  o.C. 33.2 33.3 32.8 32.5 31 33.3 32.3 32.3 33.1 33.1 33.1 34.2 33.1 34.2 33.1 32.3 33.1 32.3 33.1 33.1 33.1 33                                  | Minimum.  *C. 22 23 22. 8 21. 8 21. 8 21. 6 22 22. 7 22. 9 21. 8 22. 5 22. 9 21. 8 22. 5 22. 8 23. 6 23. 6 23. 6 23. 8 22. 8                      | Maximum.  31.5 30.5 30.5 30.6 29.8 31 32 31.2 32 31.3 31.8 30.6 30.7 31.8 30.6 30.7 31.8 30.6 31.2 31.8                                      | Minmu 24. 24. 23. 24. 24. 24. 24. 24. 24. 24. 24. 24. 24  |
|          | Maximum.  C 30, 2 29, 6 30, 2 29, 6 30, 2 29, 7 30, 1 29, 7 30, 4 32, 1 28, 1 32, 5 31, 2 30, 4 30, 2 30, 8                   | Minimum.  °C. 23. 6 24. 3 25. 1 24. 1 22. 8 23. 4 24. 9 23. 6 23. 6 23. 6 23. 6 23. 6 23. 8 24. 1 23. 7 23. 6 23. 8 24. 1 23. 7 23. 6 23. 8 24. 1 23. 7 23. 6 23. 8 24. 1 23. 7 23. 6 23. 8 24. 1 23. 7 23. 6 23. 8 24. 1 23. 7 23. 6 23. 8 24. 1 23. 7 23. 6 23. 8 24. 1 23. 7 23. 6 23. 8 24. 1 23. 7 23. 6 23. 8 24. 1 23. 7 23. 6 23. 8 24. 1 23. 7 23. 6 23. 8 24. 1 23. 7 23. 6 23. 8 24. 1 23. 7 23. 6 23. 8 24. 1 23. 7 23. 6 23. 8 24. 1 23. 7 23. 6 23. 8 24. 1  | Maximum.  °C. 30. 2 30. 9 30. 9 30. 1 30. 5 30. 9 29. 7 29. 8 31. 4 31. 5 32. 6 30. 4 31. 2 31 30. 4 30. 9 30. 8 31. 8 29. 6 30. 2 30. 3 30. 3                | Minimum.  °C 22.8 24 24 23 24 23.5 22.8 24.8 23.9 21.2 20.6 21.4 22.4 23.4 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24          | Caro<br>Maxi-<br>mum.<br>°C.<br>32.3<br>33.2<br>32.2<br>33.2<br>32.2<br>32.8<br>28.7<br>28.7<br>33.2<br>32.7<br>33.2<br>32.6<br>32.6<br>32.2<br>33.8<br>32.6<br>32.2<br>33.8   | Minimum.  °C. 23.4 22.7 24.4 23.1 23.1 23.2 23.1 22.5 22? 24.4 23.2 23.6 23.3 24.4 23.2 23.6 23.6 23.3 24.2 23.6 23.8 24.2 23.8 24.2 25.4 28.8  | Maximum.  °C. 31, 229, 2 29, 9 31, 4 30, 1 30, 4 30, 3 30, 8 30, 9 31, 2 31 30, 4 30, 1 30, 4 30, 1 30, 2 30, 3 30, 9 31, 2 31 30, 6 30, 7   | Minimum.  *C 21. 4 21. 5 22 21. 1 22. 4 22. 1 22. 1 20. 7 23. 9 23 8 21. 8 22 22 22 22 22 22 22 22 22 22 22 22 2  | Maximum.  °C. 28.6 31.3 31.7 30.6 30.8 31.6 32.2 33.1 32.1 32.1 32.1 32.6 31.8 31.1 32.3 31.9                                 | Minimum.  °C. 20. 1 20. 1 20. 1 21. 5 20. 6 20. 6 20. 1 19. 5 19. 5 19. 5 19. 5 20. 3 18. 5 20. 3 18. 9 20. 2 20. 7 19. 5 20. 1 21. 5 20. 7 19. 5 20. 1 21. 5 20. 7  | Maximum.  °C. 29.3 28.8 28.8 29.4 30.4 27.7 28.7 28.7 28.9 30.4 30.3 29.9 30.3 30.7 29.8 27.1 29.4 20.9 30.7 29.8 27.1 29.4 20.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 26.9 30.7 29.8 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1 | Minimum.  C. 23. 1 22. 8 23. 3 22. 8 22. 8 22. 3 22. 2 23. 5 24 25. 8 22. 5 23. 3 22. 8 21. 7 23. 8 21. 7 23. 8 22. 5 23. 8 21. 7 23. 8 22. 5 23. 8 21. 7 23. 8 22. 5 23. 8 21. 7 23. 8 22. 5 23. 8 22. 5 23. 8 21. 7 23. 8 22. 5 23. 8 22. 5 23. 8   | Maximum.  • C. 33.2 33.3 32.8 32.5 31 31 32.1 32.1 32.1 32.6 30.3 33.1 34.2 32.6 30.9 33.1 31.2 32.6 30.6 32.3 31.2 32.8                                  | Minimum.  *C. 22 23 22.8 22.5 21.8 21.5 22 22.7 22.9 21.6 22 23 22.5 22.5 22.9 23.5 21.3 22.5 22.9 23.6 23.6 23.6 23.6 23.6 23.6 23.6 23.6        | Maximum.  31.5 30.5 30.5 30.6 29.8 31 32 31.2 31.3 31.8 30.6 30.7 31 30.5 30.5 30.6 30.7 31 30.6 30.7  | Min mu 24. 24. 23. 24. 24. 23. 24. 24. 24. 24. 24. 24. 24. 24. 25. 25. 25.  |
|          | Maximum.  C 30, 2 29, 6 30, 2 29, 6 30, 2 29, 7 30, 1 29, 7 30, 4 32, 1 28, 1 32, 5 31, 2 30, 4 30, 2 30, 8                   | Minimum.  23. 6 24. 3 25. 1 24. 1 22. 8 23. 4 24. 9 22. 7 23. 6 25. 7 21. 2 23. 6 25. 7 21. 2 23. 6 23. 5 23. 6 23. 5 23. 6 23. 5 23. 6 23. 5 23. 6 23. 5 23. 6 23 | Maximum.  °C. 30. 2 30. 9 30. 9 30. 1 30. 5 30. 9 30. 1 31. 5 32. 6 30. 4 31. 2 31 30. 4 30. 9 30. 8 31. 8 29. 8 29. 8 29. 8 29. 8 29. 8 29. 2 30. 3 29. 2    | Minimum.  C 22.8 24 24 23 24 23.5 22.8 23.8 24 23.9 21.2 20 6 21.4 23.2 24.6 24.1 23.4 24.5 24.5 24.5 24.5 23.1           | Caro<br>Maxi-<br>mum.<br>°C.<br>32.3<br>33.3<br>32.7<br>32.2<br>33.2<br>32.8<br>1.29.7<br>28.3<br>31.7<br>33.2<br>32.6<br>32.6<br>32.6<br>32.6<br>32.6<br>32.8<br>32.6<br>32.2<br>33.1<br>32.7<br>33.2<br>33.1<br>31.7<br>33.2<br>32.7<br>33.2<br>33.1<br>31.7<br>33.2<br>33.1<br>33.7<br>33.1<br>33.7<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1 | Minimum.  °C. 23. 4 22. 7 22. 5 24 23. 1 23. 2 23. 1 22. 5 22? 24. 4 23. 2 23 24 23. 24 23 24 23. 24 23 24 23. 24 24 24 24 24 24 24 24 24 24 24 24 24 | Maximum.  °C. 31.2 29.2 29.9 31.4 30.1 30.4 30.3 30.6 31.5 30.3 30.9 31.2 31.6 30.1 30.6 30.1 30.2 30.6 30.7 30.6 30.7 30.6 30.7 30.8  | Minimum.  °C 21.4 21.5 22.1 22.4 22.1 22.4 22.1 23.9 23.9 23.9 22.6 22.6 22.1 23.1 23.6 22.6 22.6 22.6 22.6 22.6 22.6 22.6  | Maximum.  °C. 28.6 31.3 31.7 30.6 30.8 31.6 32.2 33.1 32.1 32.1 32.1 32.1 32.1 32.1   | Minimum.  °C. 20. 1 21. 5 20. 6 19. 5 20. 6 20. 1 19. 8 19. 5 19. 5 19. 5 20. 3 18 19. 9 20. 2 20. 6 21. 9 21. 2 20. 6 21. 9 21. 2 20. 6 21. 9 21. 2 20. 6 21. 9 21. 2 20. 6 21. 9 21. 2                                       | Maximum.  °C. 29, 3 28. 8 28. 8 29. 4 26. 9 28. 9 28. 7 28. 7 28. 7 28. 7 28. 7 29. 8 20. 9 30. 3 29. 4 29. 9 30. 3 29. 4 29. 9 30. 3  | Minimum.  C. 23. 1 22. 8 23. 1 22. 2. 8 22. 1 23. 3 22. 23. 5 24 25. 8 22. 6 21. 3 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 23. 3 21. 7 23. 7  | Maximum.  °C. 33.2 33.32.8 32.5 31 31 32.31 32.31 32.9 33.1 32.1 29.8 30 30 30 30.1 34.2 32.6 32.6 32.6 32.7 33.1 31.2 32.8 31.1 32.8 32.6 32.8 33.1 32.8 | Minimum.  *C. 22 23 22. 8 21. 8 21. 5 21. 8 21. 6 22 22. 7 22. 9 21. 8 21. 6 22 23 23. 5 22. 5 22 23. 5 22. 6 23. 6 23. 8 22. 4 23. 6 23. 6 23. 8 | Maximum.  °C. 31.5 30.5 30.6 29.8 31 31 31.2 32.31 31.3 31.8 30.6 30.7 30.5 30.6 31.2 31.3 31.8 30.6 31.2 31.3 31.8 30.6 30.7 30.6 31.2 31.2 | Min mu 24. 23. 24. 24. 23. 24. 24. 24. 24. 24. 24. 24. 24. 24. 24   |
|          | Maximum.  C 30.2 29.6 30.2 29.8 29.3 29.7 30.1 29.7 30.4 32.1 32.5 34.5 32.6 30.5 30.8 30.8 30.8 30.8 30.8                    | Minimum.  °C. 23. 6 24. 3 25. 1 24. 1 22. 8 23. 4 24. 9 22. 7 23. 6 25. 7 21. 2 25. 7 21. 2 23. 6 23. 8 24. 8 24. 9 22. 7 21. 2 25. 7 21. 2 21. 2 25. 7 21. 2  | Maximum.  °C. 30. 2 30. 9 30. 9 30. 1 30. 5 30. 9 29. 8 31. 4 31. 5 32. 6 30. 4 31. 2 31 30. 4 29. 4 30. 9 30. 8 31. 8 29. 8 29. 6 30. 2 30 30. 3 29. 2 29. 2 | Minimum.  °C 22.8 24 24 23.7 24 23.5 22.8 23.8 23.9 21.2 20.6 21.4 22.4 23.2 24.6 24.1 23.4 24.5 24.5 24.5 23.1 25.4 23.1 | Carol Maximum.  *C. 32.3 33.3 33.2 7 32.2 33.2 32.8 129.7 28.7 33.2 32.7 33.2 32.7 33.2 32.6 32.2 33.8 32.6 32.2 31.7 32.3 32.7 32.3   | Minimum.  °C. 422.7 22.5 24 23.1 23.2 23.1 22.5 22.9 24.4 23.2 23.1 22.5 22.9 24.4 23.2 23.2 23.2 24.4 23.2 23.2 24.4 23.8 24.4 22.5 24.4 23.8 24.5 24.5 23.1 25  | Maximum.  °C. 31.29.2 29.9 31.4 30.1 30.1 30.4 30.3 30.6 31.5 30.3 30.9 31.2 31. 30.4 30.1 30.4 30.1 30.4 30.1 30.4 30.1 30.4 30.1 30.4 30.1 30.6 30.1 30.6 30.1 30.9 30.6 30.1 30.9 30.6 30.1 30.9 30.6 30.1 30.9 30.6 30.1 30.9 30.6 30.9 30.6 30.9 30.6 30.9 30.6 30.9 30.6 30.9 30.6 30.9 30.9 30.9 30.9 30.9 30.9 30.9 30.9 | Minimum.  °C 21. 4 21. 5 22 4 22. 1 21. 4 21. 7 22. 5 22. 1 20. 7 23. 9 23 21. 8 22 22 21. 7 23. 1 23 21. 6 22. 9 22. 2 22. 6 22. 9 22. 2 22. 7 22. 6 22. 9 22. 2 22. 7 | Maximum.  °C. 28.6 31.3 31.7 30.6 32.8 31.6 32.2 33.1 32.1 32.6 33.2 33.1 32.1 32.6 31.8 31.1 32.3 31.9 32.9 31.5 30.1        | Minimum.  °C. 20. 1 20. 1 20. 1 21. 5 20. 6 20. 6 20. 1 19. 5 19. 5 19. 5 19. 5 20. 3 18. 5 20. 3 18. 5 20. 2 20. 7 19. 5 20. 2 20. 7 19. 5 20. 1 21. 5 22. 4 22. 4 22. 4 22. 6 21. 1 20. 6 21. 1 20. 2                        | Maximum.  °C. 29.3 28.8 28.8 29.4 26.9 28.9 30.4 27.7 28.7 28.7 28.7 29.9 30.3 30.7 29.9 30.3 30.7 29.9 30.1 30.7 29.9 30.1 30.7 30.8  | Minimum.  C. 23.1 22.8 23.1 22.1 8 22.8 23.3 22.2 23.5 24 25.8 22.8 22.8 22.8 23.3 22.8 22.5 23.3 22.8 22.5 23.3 23.8 22.5 23.3 23.8 23.3 23.8 23.3 23.3 23.3 23.3  | Maximum.  C. 33.2 33.32.8 32.5 31 31.32.1 29.8 30 30.1 34.2 32.4 32.8 30.6 32.32 31.2 32.4 32.4 32.4 32.4 32.4 32.4 32.4                                  | Minimum.  °C. 223 22.8 22.1.8 21.5 22 22.7 22.9 21.8 21.6 22 23.2 23.5 22.5 22.5 22.6 23.6 23.6 23.6 23.6 23.6 23.6 23.6                          | Maximum.  C.  31.5 30.5 30.5 30.6 29.8 31 32 31.2 31.3 31.3 31.8 30.6 30.7 31 30.6 30.5 32 31 30.6 30.7 31 30.6 31.2 31.3                    | Min mu 24. 24. 24. 24. 24. 24. 24. 24. 24. 24.  |
|          | Maximum.  C 30, 2 29, 6 30, 2 29, 6 30, 2 29, 7 30, 1 29, 7 30, 4 32, 1 28, 1 32, 5 31, 2 30, 4 30, 2 30, 8                   | Minimum.  23. 6 24. 3 25. 1 24. 1 22. 8 23. 4 24. 9 22. 7 23. 6 25. 7 21. 2 23. 6 25. 7 21. 2 23. 6 23. 5 23. 6 23. 5 23. 6 23. 5 23. 6 23. 5 23. 6 23. 5 23. 6 23 | Maximum.  °C. 30. 2 30. 9 30. 9 30. 1 30. 5 30. 9 30. 1 31. 5 32. 6 30. 4 31. 2 31 30. 4 30. 9 30. 8 31. 8 29. 8 29. 8 29. 8 29. 8 29. 8 29. 2 30. 3 29. 2    | Minimum.  C 22.8 24 24 23 24 23.5 22.8 23.8 24 23.9 21.2 20 6 21.4 23.2 24.6 24.1 23.4 24.5 24.5 24.5 24.5 23.1           | Caro<br>Maxi-<br>mum.<br>°C.<br>32.3<br>33.3<br>32.7<br>32.2<br>33.2<br>32.8<br>1.29.7<br>28.3<br>31.7<br>33.2<br>32.6<br>32.6<br>32.6<br>32.6<br>32.6<br>32.8<br>32.6<br>32.2<br>33.1<br>32.7<br>33.2<br>33.1<br>31.7<br>33.2<br>32.7<br>33.2<br>33.1<br>31.7<br>33.2<br>33.1<br>33.7<br>33.1<br>33.7<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1<br>33.1 | Minimum.  °C. 23. 4 22. 7 22. 5 24 23. 1 23. 2 23. 1 22. 5 22? 24. 4 23. 2 23 24 23. 24 23 24 23. 24 23 24 23. 24 24 24 24 24 24 24 24 24 24 24 24 24 | Maximum.  °C. 31.2 29.2 29.9 31.4 30.1 30.4 30.3 30.6 31.5 30.3 30.9 31.2 31.6 30.1 30.6 30.1 30.2 30.6 30.7 30.6 30.7 30.6 30.7 30.8  | Minimum.  °C 21.4 21.5 22.1 22.4 22.1 22.4 22.1 23.9 23.9 23.9 22.6 22.6 22.1 23.1 23.6 22.6 22.6 22.6 22.6 22.6 22.6 22.6  | Maximum.  °C. 28.6 31.3 31.7 30.6 30.8 31.6 32.2 33.1 32.1 32.1 32.1 32.1 32.1 32.1   | Minimum.  °C. 20. 1 21. 5 20. 6 19. 5 20. 6 20. 1 19. 8 19. 5 19. 5 19. 5 20. 3 18 19. 9 20. 2 20. 6 21. 9 21. 2 20. 6 21. 9 21. 2 20. 6 21. 9 21. 2 20. 6 21. 9 21. 2 20. 6 21. 9 21. 2                                       | Maximum.  °C. 29, 3 28. 8 28. 8 29. 4 26. 9 28. 9 28. 7 28. 7 28. 7 28. 7 28. 7 29. 8 20. 9 30. 3 29. 4 29. 9 30. 3 29. 4 29. 9 30. 3  | Minimum.  C. 23. 1 22. 8 23. 1 22. 2. 8 22. 1 23. 3 22. 23. 5 24 25. 8 22. 6 21. 3 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 23. 3 21. 7 23. 7  | Maximum.  °C. 33.2 33.32.8 32.5 31 31 32.31 32.31 32.9 33.1 32.1 29.8 30 30 30 30.1 34.2 32.6 32.6 32.6 32.7 33.1 31.2 32.8 31.1 32.8 32.6 32.8 33.1 32.8 | Minimum.  *C. 22 23 22. 8 21. 8 21. 5 21. 8 21. 6 22 22. 7 22. 9 21. 8 21. 6 22 23 23. 5 22. 5 22 23. 5 22. 6 23. 6 23. 8 22. 4 23. 6 23. 6 23. 8 | Maximum.  C.  31.5 30.5 30.5 30.6 29.8 31 32 31.2 31.3 31.3 31.8 30.6 30.7 31 30.6 30.5 32 31 30.6 30.7 31 30.6 31.2 31.3                    | Min mu 24. 24. 23. 24. 24. 23. 24. 24. 25. 26. 25. 23.  |

<sup>&</sup>lt;sup>a</sup> The maximum thermometer was broken.

BULLETIN FOR APRIL, 1918.

Maximum and minimum temperatures at the stations of the Weather Bureau, April, 1918—Continued.

| _                               | Ilo  | ilo.   |  | Jose<br>avista.  | Cu  | yo.  | Orı  | noc.  | Gui  | uan.  | Tacl  | ob <b>a</b> n.  | Ca  | piz.   | Boro  | ngan   |
|---------------------------------|--|--|--|--|---|--|--|---|--|---|---|---|---|--|---|--|
| Day.                            | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  |  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   |  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  |   | Min<br>mun   |
|                                 | °C.  | °C.  | °C.  | °C.  | °C.   | °C.  | ° <i>C</i> .   | °C.   | °C.  | °C.   | °C.   | °C.   | °C.   | °C.  | ° <i>C</i> .  | $\circ c$  |
| 1                               | 32. 2  | °C.<br>23. 9<br>23. 9  | 33.7   | 21   | 29.3  | 25.8   | 33<br>31.6   | 22<br>23. 2   | 31.8   | 24 2  | 32. 4<br>29. 4  | °C.   | 31.6  | °C.<br>24. 7   | 30.4  | 23. 8  |
|                                 | 29.7   | 23.9   | 32.2   | 22. 6  | 29. 5   | 25.7   | 31.6   | 23.2  | 31   | 23. 8<br>23. 3  | 29.4  | 23.5  | 31. 4   | 24.4   | 28.6  | 23. 2  |
|                                 |  | 23. 7<br>23. 2   | 33.6<br>33.7   | 21.5   | 29.3  | 25.7   | 30.7   | 22.5  | 30.5   | 23, 3   | 30. 2   | 23.4  | 30.3  | <b>23.</b> 8   | 29  | 23. 2  |
|                                 | 30. 3  | 23.2   | 33. 7  | 22   | 29.2  | 25.4   | 32.9<br>30.9   | 20.9  | 31.2   | 24.3  | 31. 9   | 22. 9   | 30.8  | 23.8   | 30.2  | 22.  |
|                                 | 30.3   | 23. 5  | 33.3   | 21.5   | 29.4  | 25. 4  | 30.9   | 22. 9<br>22   | 31.5   | 24.2  | 30.6  | 23.4  | 30.4  | 24.3   | 30.3  | 23   |
|                                 |  | 23.7   | 33.1   | 21.6   | 29.3  | 25.7   | 30.3   |   | 31.9   | 23. 6<br>22. 3  | 29. 2   | 23.4  | 31.5  | 24.8   | 29.8  | 22.  |
|                                 | 31.9   | 24   | 32.1   | 23   | 30.4  | 25.6   | 32.2   | 20.4  | 32<br>32   | <b>2</b> 2. 3   | 32.3  | 22.7  | 31.4  | 24. 2  | 30. 6   | 21   |
|                                 | . 32   | 23.8   | 31.8   | 21.2   | 30.7  | 24.2   | 33. 1  | 21.4  |  | 25  | 31.6  | 23  | 31.5  | 24. 3  | 31  | 22.  |
|                                 | 31.7   | 23.7   | 31.8   | 20.4   | 30.4  | 25.7   | 32. 2  | 21. 2   | 31.8   | 25  | 32<br>32, 2   | 23. 6   | 31. 1   | 23   | 31  | 22   |
|                                 | 31.7   | 22.8   | 32.3<br>32.6   | 21   | 31.6  | 25.8   | 32.4   | 22  | 31.7   | 24.6  | 32. 2   | 23.8  | 31.2  | 23.6   | 31.6  | 20.  |
|                                 | 32.4   | 23.6   | 32.6   | 21.5   | 29.9  | 26   | 32.2   | 21.8  | 30.5   | 24.8  | 30.8  | 23.9  | 30.8  | 24.3   | 31. 2   | 22.  |
| · · · · · · · · · · · · · · · · | 34   | 23.5   | 31.6   | 21   | 30.4  | 26. 2  | 31   | 24.2  | 26.8   | 23  | 28. 2   | 23.6  | 30.8  | 25. 6  | 26  | 21   |
|                                 | 32.5   | 22.3   | 32.8   | 22   | 33.8  | 23.7   | 29.5   | 23. 9<br>22. 4  | 30. 4  | 24. 1   | 29. 9   | 24. 4   | 31.5  | 24   | 32  | 22.  |
|                                 | 31.5   | 21.7   | 32.3   | 22.1   | 32.8  | 26.7   | 31. 3  | 22.4  | 30.8   | 21.8  | 31  | 22.2  | 32.2  | 22.8   | 33. 1   | 19.  |
|                                 | 32. 4  | 23.5   | 32.2   | 22.5   | 32.4  | 25. 3  | 31.8   | 21.8<br>22.2  | 31.8   | 21.9  | 32.9  | 22  | 32.1  | 23.5   | 30.9  | 19.  |
|                                 | 30.8   | 24.3   | 31.2   | 23.6   | 30.8  | 23. 2  | 31.6   | 22.2  | 31. 3  | 24.2  | 33  | 23.5  | 31.2  | 24.3   | 30.7  | 20.  |
|                                 | 31   | 23.3   | 32.8   | 21.6   | 30  | 24.5   | 32   | 22.7  | 30.5   | 24.5  | 31  | 23.4  | 30.8  | 22. 2  | 30  | 20   |
|                                 | 30. 7  | 23.3   | 33.2   | 22   | 31.2  | 24.7   | 32   | 21.6  | 31.6   | 24. 1   | 31.5  | 23. 1   | 31.2  | 24.8   | 30.3  | 20   |
|                                 | . 31   | 23   | 33.7   | 20.5   | 30.2  | 25.9   | 32.3   | 21.1  | 31. 2  | 24.9  | 33  | 23.4  | 31.3  | 22.7   | 30.6  | 21   |
|                                 | 29.5   | 23.3   | 33.2   | 20.6   | 29. 5   | 25.8   | 31.9   | 23.6  | 31.1   | 23.4  | 30.9  | 22.8  | 30. 1   | 24.5   | 30.6  | 22.  |
|                                 | 31.5   | 23.6   | 33.2   | 21   | 30. 5   | 25. 6  | 31.8   | 23. 4   | 30.8   | 24.1  | 31.4  | 23.9  | 31.7  | 24.5   | 30.8  | 22.  |
|                                 | 32.5   | 24.1   | 33.2   | 23.1   | 30.7  | 26.2   | 31.3   | 22  | 27.9   | 22.2  | 30.9  | 21.4  | 31.8  | 23.8   | 31  | 22   |
|                                 | 32   | 23   | 32.8   | 22   | 32.6  | 24   | 31.8   | 21  | 31.5   | 22.3  | 31.8  | 22. 3   | 31.8  | 24   | 30.4  | 22.  |
|                                 | 32.6   | 24.6   | 33.2   | 22.9   | 31.2  | 25. 4  | 33   | 22.2  | 30. 4  | 23.2  | 32.5  | 23.5  | 32. 5   | 25, 1  | 30.8  | 23   |
|                                 | 32.4   | 24.5   | 33.2   | 23. 2  | 30.4  | 26.7   | 32. 4  | 23.7  | 29.9   | 22.7  | 30.3  | 23.8  | 31. 6   | 26. 1  | 31.2  | 24.  |
|                                 | 33   | 24. 7  | 33.8   | 23.4   | 31.2  | 26.3   | 30.2   | 22.1  | 31, 6  | 22.8  | 32<br>31, 4   | 23. 4<br>23. 5  | 31.2  | 25.3   | 31  | 23.  |
|                                 | 31.4   | 24.5   | 30.3   | 23.5   | 31.5  | 24.7   | 31   | 22  | 30   | 22.7  | 31.4  | 23.5  | 32.6  | 25   | 30  | 23.  |
|                                 | 31.8   | 24.2   | 32. 2  | 23   | 31.3  | 24   | 31.6   | 22.6  | 32   | 22  | 32  | 23.1  | 31. 3   | 25. 1  | 30. 9   | 22.  |
|                                 | 31. 7<br>32. 9   | 24<br>24.7   | 32. 3<br>32. 6   | 21. 9<br>21. 7   | 31.3<br>31  | 22.4<br>24.1   | 32. 6<br>32. 5   | 23<br>21. 4   | 31. 9<br>31. 3   | 22. 5<br>22. 5  | 32. 5<br>32. 1  | 23. 3<br>23. 3  | 32. 2<br>32. 4  | 24. 1<br>25  | 31. 1<br>31. 4  | 22.  |
|                                 |  |  |  |  |   |  |  | ;   |  |   | <u> </u>  |   |   |  | ·   | <u>'</u>   |
| Mean                            | 31.6   | 23. 7  | 32.7   | 22   | 30.7  | 25. 2  | 31.8   | 22.2  | 31   | 23. 5   | 31.4  | 23. 2   | 31. 4   | 24.3   | 30. 6   | ZZ   |
| Mean                            | Ī  | 23. 7  | 32, 7  | i<br>  |   | 25.2<br>bate.  |  | 22. 2<br>blon.  | i  | 23. 5   | <u></u>   | 23. 2   | Sun   | 24.3<br><br>nay,<br>am.  | 30. 6<br>Cala   | 22. I  |
| Mean                            | Catba  | logan.   | Calba  | ayog.  | Mas   | bate.  | Rom  | blon.   | Ba   | tag.  | Legs  | aspi.   | Sun<br>Gu   | nay,<br>am.  | Cala  | pan.   |
|                                 | Ī  |  | <u> </u>   | i<br>  |   | <br>   |  |   | i  | tag.  | <u></u>   | aspi.<br>Mini-  | Sun<br>Gu<br>Maxi-  | nay,<br>am.  |   |  |
|                                 | Catba  | Mini-<br>mum.  | Calba  | ayog.<br>Mini-   | Mas<br>Maxi-  | Mini-<br>mum.  | Rom<br>Maxi-   | Mini-   | Maxi-mum.  | Minimum.  | Lega<br>Maxi-<br>mum.   | Minimum.  | Sun<br>Gu<br>Maxi-<br>mum.  | Mini-<br>mum.  | Cala Maximum.   | pan.<br>Mir<br>mur   |
| Day.                            | Catba  | Mini-<br>mum.  | Maxi-mum.  | Minimum.   | Maxi-mum.   | Mini-<br>mum.  | Rom<br>Maxi-<br>mum.   | Mini-   | Maximum.   | Minimum.  | Lega<br>Maxi-<br>mum.   | Minimum.  | Sun<br>Gu<br>Maxi-<br>mum.  | Mini-<br>mum.  | Cala<br>Maxi-<br>mum.   | Min<br>mu  |
| Day.                            | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-mum.  | Minimum.   | Maximum.  | Minimum.   | Rom<br>Maxi-<br>mum.   | Minimum.  | Bai<br>Maxi-<br>mum.   | Minimum.  | Maxi-<br>mum.<br>°C.<br>29.3<br>29.3  | Minimum.  | Sun<br>Gu<br>Maxi-<br>mum.  | Mini-<br>mum.<br>°C.<br>23.6<br>24.8   | Maximum.  | Min<br>mu  |
| Day.                            | Catba  Maximum.  °C. 32. 2 30. 3   | Minimum.   | Maximum.   | Minimum.   | Maxi-<br>mum.<br>°C.<br>30. 4   | Mini-<br>mum.<br>°C.<br>24.2<br>24.6   | Maxi-mum.  | Minimum.  | Maxi-<br>mum.<br>°C.<br>29.6<br>27.3<br>28.9   | Minimum.  | Maxi-mum.   | Minimum.  | Sun Gu Maximum.  °C. 29.4 29.8 29.6   | Mini-<br>mum.<br>°C.<br>23.6<br>24.8<br>23.4   | Cala  Maximum.  °C. 30.8 31   | Min<br>mu<br>23.<br>23   |
| Day.                            | Catba  Maximum.  °C. 32. 2 30. 3   | Mini-<br>mum.<br>°C.<br>22.<br>22. 7<br>22. 5  | Calba Maximum.  °C. 32 29 30.5 30.3  | Minimum.  °C. 22.9 23 22.8 21.1  | Maximum.  °C. 30.4 30.4 30.4 31.4   | Mini-<br>mum.<br>°C.<br>24.2<br>24.6<br>24.2<br>23.2   | Maxi-mum.  °C. 32.9 34 33 32.9   | Minimum.  °C. 23.3 24.2 23.2 23.9   | Maxi-<br>mum.<br>°C.<br>29.6<br>27.3<br>28.9<br>29.4   | Minimum.  | Maxi-<br>mum.<br>°C.<br>29.3<br>29.3<br>29.8<br>29.8  | Minimum.  | Sun Gus Maximum.  °C. 29.4 29.8 29.6 29.8   | Minimum.  °C. 23.6 24.8 23.4 22.8  | Cala  Maximum.  °C. 30.8 31 31 31   | Min mu 23. 23 23 21.   |
| Day.                            | Catba  Maximum.  °C. 32. 2 30. 3   | Mini-<br>mum.<br>°C.<br>22<br>22. 7<br>22. 5<br>20<br>21. 7  | Maximum.  °C. 32 29 30.5 30.3 29.6   | Mini-<br>mum.<br>°C.<br>22.9<br>23<br>22.8<br>21.1<br>21.9   | Maximum.  °C. 30.4 30.4 30.4 30.4 30.4 30.8   | Mini-<br>mum.<br>°C.<br>24. 2<br>24. 6<br>24. 2<br>23. 2<br>23. 8  | Rom  Maximum.  °C. 32.9 34 33 32.9   | Mini-mum.  0°C. 23.3 24.2 23.2 23.9 23.2  | Maximum.  °C. 29.6 27.3 28.9 29.4 28.6   | Minimum.  | Maxi-<br>mum.<br>°C.<br>29.3<br>29.3<br>29.8<br>29.8<br>29.8  | Minimum.  | Sun Gu: Maximum.  °C. 29.4 29.8 29.6 29.8 30.2  | Mini-<br>mum.<br>°C.<br>23.6<br>24.8<br>23.4<br>22.8<br>23.6   | Cala  Maximum.  °C. 30.8 31 31 31   | Min<br>mu<br>23.<br>23<br>23<br>21.<br>21.   |
| Day.                            | Maximum.   | Mini-mum.  °C. 22 22. 7 22. 5 20 21. 7 21. 5   | Calba Maximum.  °C. 32 29 30.5 30.3 29.6 29.7  | Mini-<br>mum.<br>°C.<br>22.9<br>23<br>22.8<br>21.1<br>21.9<br>22.6   | Maximum.  °C. 30.4 30.4 31.4 30.8 30.8  | Mini-<br>mum.<br>°C.<br>24.2<br>24.6<br>24.2<br>23.2<br>23.8<br>24.2   | Rom  Maximum.  °C. 32.9 34 33 32.9   | Mini-mum.  °C. 23. 3 24. 2 23. 2 23. 9 23. 2 23. 9  | Maximum.  °C. 29.6 27.3 28.9 29.4 28.6 28.6  | Mini-<br>mum.<br>°C.<br>23. 4<br>22. 4<br>22. 2<br>22. 2<br>22. 2<br>22. 3<br>22. 3   | Maxi-<br>mum.<br>°C.<br>29.3<br>29.8<br>29.8<br>29.8<br>30.3  | Minimum.  | Sun Gu: Maximum.  °C. 29, 4 29, 8 29, 6 29, 8 30, 2   | Minimum.  °C. 23.6 24.8 23.4 22.8 23.6 25  | Cala  Maximum.  °C. 30.8 31 31 31 31 31 32  | Mi mu 0(23. 23 23. 21. 21. 21.   |
| Day.                            | Maximum.   | Mini-<br>mum.<br>°C.<br>22<br>22. 7<br>22. 5<br>20<br>21. 7<br>21. 7<br>20. 6  | Calba Maximum.  °C. 32 29 30.5 30.3 29.6 29.7 30   | Minimum.  °C. 22.9 23 22.8 21.1 21.9 22.6 21.7   | Maximum.  °C. 30.4 30.4 31.4 30.8 30.8 30.8 30.8  | Mini-<br>mum.<br>°C.<br>24.2<br>24.2<br>24.2<br>23.2<br>23.8<br>24.2<br>23.8   | Maximum.  °C. 32.9 34 33 32.9 33 32.8 32.8   | oC. 23. 3 24. 2 23. 9 23. 2 23. 9 22. 3   | Maximum.  °C. 29.6 27.3 28.9 29.4 28.6 28.6 29.8   | Mini-<br>mum.<br>°C.<br>23. 4<br>22. 4<br>22. 2<br>22. 2<br>22. 2<br>22. 3<br>22. 3   | Maxi-<br>mum.<br>°C.<br>29.3<br>29.8<br>29.8<br>29.4<br>29.8<br>30.3<br>30.6  | Minimum.  | Sun<br>Gu:<br>Maxi-<br>mum.<br>°C.<br>29. 4<br>29. 8<br>29. 6<br>29. 8<br>30. 2<br>30<br>29. 4  | Minimum.  °C. 23.6 24.8 23.6 22.8 23.6 25  | Cala  Maximum.  °C. 30.8 31 31 31 31 32 31,6  | Mi mu 23. 23 21. 21. 21. 23  |
| Day.                            | Maximum.   | Mini-<br>mum.<br>°C.<br>22<br>22. 7<br>22. 5<br>20<br>21. 7<br>21. 5<br>20. 6<br>20. 6   | Calba Maximum.  °C. 32 29 30.5 30.5 30.9 29.6 29.7 30  | Mini-<br>mum.<br>°C.<br>22.9<br>23<br>22.8<br>21.1<br>21.9<br>22.6<br>21.7<br>21.3   | Maximum.  °C. 30.4 30.4 30.4 30.8 30.8 32.4 32.6  | Mini-<br>mum.  °C. 24.2 24.6 24.2 23.8 24.2 23.8 24.2 23.8   | Maxi-<br>mum.  °C. 32.9 34 33 32.9 33 32.8 32.7  | Mini-<br>mum.  °C. 23. 3 24. 2 23. 2 23. 9 23. 2 23. 9 22. 3 22. 9  | Maxi-<br>mum.<br>°C.<br>29.6<br>27.3<br>28.9<br>29.4<br>28.6<br>28.6<br>29.8<br>30.3   | Mini-<br>mum.<br>°C.<br>23. 4<br>22. 4<br>22. 2<br>22. 2<br>22. 2<br>22. 3<br>22. 3   | Maxi-<br>mum.<br>29.3<br>29.8<br>29.8<br>29.8<br>30.3<br>30.6   | Mini-<br>mum.<br>°C.<br>23. 1<br>23. 4<br>24. 9<br>23. 6<br>23. 9<br>23. 8<br>23. 3<br>25. 2  | Sun Gu. Maximum.  °C. 29, 4 29, 8 29, 6 29, 8 30, 2 30, 4 29, 4   | Mini-<br>mum.<br>°C.<br>23. 6<br>24. 8<br>23. 4<br>22. 8<br>23. 4<br>22. 8<br>25<br>25   | Cala  Maximum.  °C. 30.8 31 31 31 32 31.6 32.2  | Mi mu 23. 23 21. 21. 23. 21.   |
| Day.                            | Maxi-<br>mum.<br>°C.<br>32. 2<br>30. 3<br>28<br>29. 5<br>28. 9<br>30. 6<br>30. 6<br>30. 2  | Mini-mum.  °C. 22 22. 7 22. 5 20 21. 7 21. 5 20. 6 20. 4 20. 5   | Maximum.  °C. 32 29 30.5 30.3 29.6 29.7 30 33 33.3   | Mini-<br>mum.<br>°C.<br>22. 9<br>23<br>22. 8<br>21. 1<br>21. 9<br>22. 6<br>21. 7<br>21. 3<br>22. 5   | Maximum.  °C. 30.4 30.4 31.4 30.8 30.8 32.4 32.4 32.4 32.4  | Mini-<br>mum.<br>°C.<br>24.2<br>24.6<br>24.2<br>23.2<br>23.8<br>24.2<br>23.4<br>23.8   | Rom  Maximum.  °C. 32.9 34 33 32.9 33 32.8 32.7 33.7 33.8  | Mini-mum.  °C. 23.3 24.2 23.2 23.9 23.2 23.9 22.3 22.3 22.9 22.3  | Bai<br>mum.<br>°C.<br>29.6<br>27.3<br>28.9<br>29.4<br>28.6<br>28.6<br>28.6<br>30.3<br>30.1   | Minimum.  °C. 23.4 22.4 22.2 22.2 22.3 22.4 23.9 23.9 23.9  | Maxi-<br>mum.<br>°C.<br>29.3<br>29.8<br>29.8<br>29.4<br>29.8<br>30.3<br>30.6<br>31.2<br>30.8  | Mini-<br>mum.<br>°C.<br>23. 1<br>24. 9<br>23. 6<br>23. 9<br>23. 8<br>23. 3<br>25. 2   | Sun Gu. Maximum.  °C. 29.4 29.8 29.6 29.8 30.2 30 29.4 29.4 29.4  | Minimum.  °C. 23.6 24.8 23.4 22.8 23.6 25 25 25 24.8   | Cala  Maximum.  °C. 30.8 31 31 31 31 32 31.6 32.2 32.6  | mu 06. 23. 23. 21. 21. 22. 23. 21. 22. 22. 22.   |
| Day.                            | Maxi-mum.  **C. 32, 2 30, 3 28 29, 5 28, 9 30, 4 30, 6 30, 2 2 30, 2   | Minimum.  °C. 22 22. 7 22. 5 20 21. 7 21. 7 20. 6 20. 4 20. 5 20. 5  | Maximum.  °C. 32 29 30.5 30.3 29.6 29.7 30 33 32.3 32.3  | Minimum.  °C. 22.9 23 22.8 21.1 21.9 22.6 21.7 21.3 22.5   | Maximum.  °C. 30.4 30.4 30.4 30.8 30.8 30.8 32.4 32.6 31.4 31.6   | Mini-<br>mum.<br>°C.<br>24. 2<br>24. 2<br>23. 2<br>23. 8<br>24. 2<br>23. 4<br>23. 8<br>24. 2   | Maxi- mum.  °C. 32.9 34 33 32.9 33 32.8 32.7 33.7 33.8   | Mini-mum.  °C. 23. 3 24. 2 23. 9 23. 2 23. 9 22. 3 22. 9 22. 3 22. 9  | Maximum.  °C. 29.6 27.3 28.9 29.4 28.6 28.6 29.8 30.3 30.1 30.5  | Minimum.  °C. 23. 4 22. 4 22. 2 22. 3 22. 4 23. 2 23. 9 23. 2 23. 9 23. 2 23. 2   | Maxi- mum.  OC. 29.3 29.3 29.8 30.3 30.6 31.2 30.8 31.2   | Mini-<br>mum.<br>°C.<br>23. 1<br>24. 9<br>23. 6<br>23. 9<br>23. 8<br>23. 3<br>25. 2   | Sun Gu: Maxi- mum.  °C. 29.4 29.8 29.6 30.2 30 29.4 29.4 29.4   | Mini-<br>mum.<br>23.6<br>24.8<br>23.4<br>222.8<br>23.6<br>25<br>25<br>24.8<br>24.4   | Maximum.  °C. 30.8 31 31 31 32 31.6 32.2 32.6   | mu 23. 23. 21. 21. 23. 22. 21.   |
| Day.                            | Maxi-mum.  **C. 32, 2 30, 3 28 29, 5 28, 9 30, 4 30, 6 30, 2 2 30, 2   | Minimum.  °C. 22 22. 7 22. 5 20 21. 7 21. 5 20. 6 20. 4 20. 5 20. 5 21. 8  | Maximum.  °C. 32 29 30.5 30.3 29.6 29.7 30 33 32.3 32.3 32.3 32.3 33.3   | Minimum.  °C. 22.9 23 22.8 21.1 21.9 22.6 21.7 21.3 22.5 21.7 22.1   | Maximum.  °C. 30.4 30.4 30.4 30.8 30.8 31.4 31.6 31.6 30.6  | Mini-<br>mum.<br>°C.<br>24. 2<br>24. 2<br>23. 2<br>23. 2<br>23. 4<br>23. 4<br>23. 8<br>24. 2<br>23. 4<br>23. 4<br>24. 2  | Maximum.  °C. 32.9 34 33 32.9 33 32.8 32.7 33.8 33.8 32.9  | Mini-mum.  °C. 23.3 24.2 23.9 22.3 22.3 22.3 22.7 21.9  | Maximum.  °C. 29.6 27.3 28.9 29.4 28.6 28.6 28.6 30.3 30.1 30.1 30.5 29.3  | Mini-mum.  °C. 23.4 22.4 22.2 22.3 22.4 23.2 23.9 23.2 23.2 23.2 23.2 23.2 23.2   | Maxi- mum.  °C. 29.3 29.8 29.4 29.8 30.3 30.6 31.2 30.8 31.2  | Mini-<br>mum.<br>°C.<br>23. 1<br>23. 4<br>24. 9<br>23. 6<br>23. 9<br>23. 8<br>23. 3<br>25. 2<br>24. 4<br>23. 7<br>20. 6   | Sun Gu: Maximum.  °C. 29.4 29.8 30.2 30 29.4 29.4 29.4 29.4   | Minimum.  °C. 23.6 24.8 23.4 22.8 23.6 25 24.8 24.4 24.6   | Cala Maximum.  °C. 30.8 31 31 31 32 31.6 32.2 32.6 32.6   | Mi mu 23. 23 21. 21. 22. 22. 22. 21. 21.   |
| Day.                            | Maxi-mum.  **C. 32, 2 30, 3 28 29, 5 28, 9 30, 4 30, 6 30, 2 2 30, 2   | Minimum.  °C. 22 22. 7 22. 5 20 21. 7 21. 5 20. 6 20. 4 20. 5 20. 5 21. 8 23. 8  | Maximum.  °C. 32 29 30.5 30.3 29.6 29.7 30 33 32.2 30.8 28.2   | Minimum.  °C. 22.9 23. 21.1 21.9 22.6 21.7 21.3 22.5 21.7 22.1   | Maximum.  °C. 30.4 30.4 30.4 31.4 30.8 32.4 31.6 31.6 30.6 31.6 31.6 31.6   | Mini-mum.  °C. 24.2 24.2 23.2 23.2 23.4 23.8 24.2 23.4 23.8 24.2 25.4  | Maximum.  °C. 32.9 34 33 32.9 33.7 33.7 33.8 33.9 33.9 33.9 33.9   | Mini-mum.  °C. 23. 3 24. 2 23. 9 23. 9 22. 3 22. 9 22. 3 22. 9 22. 3 22. 9 22. 9 22. 9 22. 9 22. 9 22. 9  | Maximum.  °C. 29.6 27.3 28.9 29.4 28.6 29.8 30.3 30.1 30.5 29.3  | Minimum.  °C. 23. 4 22. 4 22. 22. 2 22. 3 22. 4 23. 2 23. 9 23. 2 23. 2 23. 2 23. 2 23. 2   | Maximum.  °C. 29.3 29.8 29.4 29.8 30.3 30.6 31.2 30.8 31.1  | Mini-<br>mum.<br>°C.<br>23. 1<br>23. 4<br>24. 9<br>23. 6<br>23. 9<br>23. 8<br>23. 3<br>25. 2<br>24. 4<br>23. 7<br>20. 6<br>25. 2  | Sun<br>Gu:<br>Maxi-<br>mum.<br>°C.<br>29. 4<br>29. 8<br>30. 2<br>30<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4  | Mini-<br>mum.<br>°C.<br>23. 6<br>24. 8<br>23. 6<br>22. 8<br>23. 6<br>25<br>25<br>25<br>25<br>24. 8<br>24. 4<br>24. 6<br>24. 6  | Cala  Maximum.  °C. 30.8 31 31 31 32 31.6 32.2 32.6 32.6 32.6   | Mi mu 23. 23 21. 21. 22. 22. 21. 20.   |
| Day.                            | Maxi-mum.  **C. 32, 2 30, 3 28 29, 5 28, 9 30, 4 30, 6 30, 2 2 30, 2   | Minimum.  °C. 22 22.7 22.5 20 21.7 21.5 20.6 20.4 20.5 21.8 23.8 23.8  | Calba Maximum.  °C. 32 29 30.5 30.3 29.6 29.7 30 32.2 30.8 28.2 29.2   | Minimum.  °C. 22.9 23 22.8 21.1 21.9 22.6 21.7 21.3 22.5 21.7 22.1 24.5  | Maximum.  °C. 30.4 30.4 30.8 30.8 32.4 31.4 32.6 31.4 31.6 31.6 30.6 31.2 30.2  | Mini-<br>mum.<br>°C.<br>24. 2<br>24. 6<br>24. 2<br>23. 8<br>24. 2<br>23. 8<br>24. 2<br>24. 2<br>25. 4  | Maximum.  °C. 32.9 34 33 32.9 33.7 33.8 32.7 33.8 32.9 33.3  | Mini-mum.  °C. 23. 3. 24. 2 23. 2 23. 9 22. 3. 9 22. 3 22. 9 22. 3 22. 9 22. 8 24. 8 24. 8  | Maximum.  °C. 29.6 27.3 28.9 29.4 28.6 29.8 30.3 30.1 30.5 29.3 26.5   | Minimum.  °C. 23. 4 22. 4 22. 22. 22. 3 22. 4 23. 2 23. 2 23. 2 23. 4 24 24 24  | Maximum.  OC. 29.3 29.8 29.8 30.3 30.6 31.2 30.8 31.2 31.1 31.1 27.8  | Mini-<br>mum.<br>°C.<br>23. 1<br>23. 4<br>24. 9<br>23. 6<br>23. 9<br>23. 8<br>23. 3<br>25. 2<br>24. 4<br>23. 7<br>20. 6<br>25. 2  | Sun Gu: Maximum.  °C. 29.4 29.8 30.2 30 29.4 29.4 29.4 29.4 29.4 29.4   | Minimum.  °C. 23.6 24.8 23.4 22.8 23.4 24.6 25 24.8 24.6 24.6 24.6   | Cala  Maximum.  °C. 30.8 31 31 31 32 31.6 32.2 32.6 32.6 32.6 32.32   | Mi mu 23. 23 23. 21. 21. 22. 21. 22. 21. 20. 20.   |
| Day.                            | Maxi-mum.  **C. 32, 2 30, 3 28 29, 5 28, 9 30, 4 30, 6 30, 2 2 30, 2   | Minimum.  °C. 22 22. 7 22. 5 20 21. 7 21. 5 20. 6 20. 4 20. 5 20. 5 21. 8 23. 8 23. 8 23. 3  | Maximum.  °C. 32 29 30.5 30.3 29.6 29.7 30 33 32.2 30.8 32.2 30.8 28.2 29.3  | Minimum.  °C. 22.9 23 22.8 21.1 21.9 22.6 21.7 21.3 22.5 21.7 22.1 1 24.5 24.2 22.1  | Masimum.  °C. 30. 4 30. 4 30. 4 30. 8 32. 4 31. 6 30. 6 31. 2 30. 2 30. 2   | Mini-<br>mum.<br>°C.<br>24. 2<br>24. 6<br>24. 2<br>23. 2<br>23. 8<br>24. 2<br>23. 8<br>24. 2<br>24. 2<br>25. 4<br>25. 6<br>23. 6   | Rom Maximum.  °C. 32.9 34 33 32.9 33 32.7 33.7 33.7 33.8 32.9 33.3 31.9 32.6   | Mini-mum.  °C. 23.3 24.2 23.9 22.3 22.9 22.3 222.7 21.9 22.8 24.8 22.3  | Maximum.  °C. 29.6 27.3 28.9 29.4 28.6 29.8 30.3 30.1 30.5 29.3 26.5 26.4 29.3   | Minimum.  °C. 23.4 22.4 22.2 22.3 22.4 23.2 23.9 23.9 23.9 23.2 24.2 22.4 22.4 22.8   | Maxi-<br>mum.<br>°C.<br>29.3<br>29.8<br>29.8<br>30.3<br>30.6<br>31.2<br>30.8<br>31.1<br>27.8  | Mini-mum.  °C. 23.1 23.4 24.9 23.6 23.9 23.8 23.3 25.2 24.4 23.7 20.6 25.2 23   | Sun Gu: Maximum.  °C. 29.4 29.8 29.6 30.2 30 29.4 29.4 29.4 29.4 29.4 30  | Minimum.  °C. 23.6 24.8 23.4 22.8 23.6 24.4 24.6 24.6 24.6 24.6 24.5   | Cala  Maximum.  °C. 30.8 31 31 31 31 32 31.6 32.6 32.6 32.6 32.32 32 32 32 32   | Mi mu 23. 23 23. 21. 21. 22. 21. 22. 21. 21. 21. 22. 21. 21  |
| Day.                            | Maxi-mum.  °C. 32, 2 30, 3 28 29, 5 28, 9 30, 4 30, 6 30, 2 2 30, 2  | Minimum.  °C. 22 22. 7 22. 5 20 21. 7 21. 5 20. 6 20. 4 20. 5 21. 8 23. 3 23. 5 21. 5  | Calba Maximum.  °C. 32 29 30.5 30.3 29.6 29.7 30 33 32.2 30.8 28.2 29.3 28.4   | Minimum.  °C. 22.9 23. 22.8 21.1 21.9 22.6 21.7 21.3 22.5 21.7 22.1 24.5 24.2 22.1   | Maximum.  °C. 30.4 30.4 30.4 31.4 30.8 32.6 31.4 32.6 30.6 30.2 30.2  | Mini-mum.  °C. 24.2 24.6 24.2 23.2 23.8 24.2 23.8 24.2 25.6 25.6 23.6 23.6   | Rom  Maximum.  °C. 32.9 33 32.8 32.7 33.7 33.8 32.9 33.3 31.9 32.6   | Mini-<br>mum.<br>23. 3<br>24. 2<br>23. 2<br>23. 9<br>22. 3<br>22. 2<br>23. 9<br>22. 3<br>22. 9<br>22. 3<br>22. 9<br>22. 3<br>22. 9<br>22. 3<br>22. 9<br>22. 3<br>22. 9<br>22. 3<br>22. 9<br>22. 3<br>22. 9<br>22. 3<br>22. 9<br>22. 3<br>22. 9<br>22. 3<br>22. 9<br>22. 3<br>22. 9<br>22. 3<br>22. 9<br>22. 3<br>22. 9<br>22. 3<br>22. 9<br>22. 3<br>22. 9<br>22. 3<br>22. 9<br>22. 3<br>22. 3<br>22. 9<br>22. 3<br>22. 9<br>22. 3<br>22. 9<br>22. 3<br>22. 9<br>22. 3<br>22. 9<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>2 | Maximum.  °C. 29.6 27.3 28.9 29.4 28.6 29.8 30.3 30.1 30.5 29.3 26.5 26.4 29.9 29.9  | Minimum.  °C. 23. 4 22. 4 22. 2 22. 2 23. 2 23. 2 23. 4 24. 24 24. 22. 4 22. 8 24. 22. 8  | Maxi-mum.  OC. 29.3 29.8 29.4 29.8 30.3 30.6 31.2 31.1 31.1 27.8 31.4   | Mini-<br>mum.  OC. 23.1 23.4 24.9 23.6 23.8 23.8 25.2 24.7 20.6 25.2 23 22.5 24   | Sun Gu: Maximum.  °C. 29. 4 29. 8 30. 2 30 29. 4 29. 4 29. 4 29. 4 29. 4 30. 2  | Minimum.  °C. 23. 6 24. 8 23. 4 22. 8 23. 6 25 24. 8 24. 6 24. 6 24. 6 24. 6 24. 6 24. 5 24  | Cala  Maximum.  °C. 30.8 31 31 31 32 31.6 32.2 32.6 32.6 32.6 32.32 32 32 32 32 32 32   | mu o(23. 23 21. 21. 22. 21. 22. 20. 20. 24.  |
| Day.                            | Maxi-mum.  °C. 32, 2 30, 3 28 29, 5 28, 9 30, 4 30, 6 30, 2 2 30, 2  | Minimum.  °C. 22 22.7 22.5 20 21.7 21.5 20.6 20.5 20.5 21.8 23.8 23.8 23.5 21.5 21.6   | Maximum.  °C. 32. 29. 30. 5 30. 3 29. 6 29. 7 30 33. 32. 2 30. 8 28. 2 29. 3 31. 3   | Mini-<br>mum.<br>°C.<br>22.9<br>23.<br>22.8<br>21.1<br>21.9<br>22.5<br>21.7<br>21.3<br>22.5<br>21.7<br>22.5<br>21.7<br>22.5<br>24.2<br>22.2.1<br>22.6<br>22.6  | Masimum.  °C. 30.4 30.4 31.4 30.8 32.4 31.6 31.6 31.2 30.2 30.2 32.4 32.4   | Mini-<br>mum.<br>°C.<br>24. 2<br>24. 6<br>24. 2<br>23. 2<br>23. 8<br>24. 2<br>23. 4<br>23. 8<br>24. 2<br>25. 4<br>25. 4<br>25. 4<br>25. 4<br>25. 4<br>25. 4<br>25. 4<br>25. 4<br>25. 4<br>25. 4<br>25. 4<br>25. 4<br>25. 4<br>25. 4<br>25. 4<br>25. 4<br>25. 4<br>25. 4<br>26. 2<br>27. 4<br>28. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6 | Rom  Maximum.  °C. 32.9 34 32.9 33 32.8 32.7 33.8 32.9 33.3 32.9 33.3 32.9 33.3 32.9 33.3  | Mini-<br>mum.  °C. 23.3 24.2 23.9 23.2 22.3 9 22.3 22.7 21.9 22.8 24.8 24.8 22.3 22.7 21.9 22.8   | Maximum.  °C. 29.6 27.3 28.9 29.4 28.6 29.8 30.3 30.1 30.5 29.3 26.5 29.3 29.9 30.2  | Minimum.  °C. 23.4 22.4 22.2 22.3 22.4 23.2 23.2 23.  | Maxi-mum.  29.3 29.3 29.8 29.4 29.8 30.6 31.2 31.1 31.1 27.8 31.4 30.9  | Mini-mum.  °C. 23.1 23.4 24.9 23.6 23.9 23.8 23.3 25.2 24.4 23.7 20.6 25.2 23 22.5 24 22.8  | Sun Gu Maximum.  °C. 29.4 29.8 30.2 30 29.4 29.4 29.4 29.4 30 30.2 30.2   | Minimum.  **C. 23.6 24.8 23.4 22.8 22.5 25 24.8 24.4 24.6 24.6 24.5 24.4 24.4 52.4 24.4 52.4 24.4 52.4 4   | Cala  Maximum.  °C. 30.8 31 31 31 32 31.6 32.2 32.6 32.32 32 32 32 32 32 32 32 31   | mu 06 23. 23 23. 21. 21. 22. 22. 21. 22. 22. 22. 22. 24. 23  |
| Day.                            | Catba  Maximum.  °C. 32.2 30.3 28 29.5 28.9 30.4 30.6 30.2 31 31.8 26.3 29.1 30 30.3 30.6 29.6                                     | Mini-mum.  °C. 22 22, 7 21, 5 20, 6 20, 4 20, 5 21, 8 23, 8 23, 3 23, 5 21, 6 20, 16 2 | Calba Maximum.  °C. 32 29 30. 5 30. 3 29. 6 29. 7 30 32. 3 32. 2 30. 8 28. 2 29. 3 31. 3 31. 3   | Mini-mum.  °C. 22. 9 23 22. 8 21. 1 21. 9 22. 6 21. 7 21. 3 22. 5 24. 2 22. 1 22. 6 22. 6 22. 6 22. 6  | Maximum.  °C. 30. 4 30. 4 30. 4 31. 4 30. 8 30. 8 30. 8 30. 6 31. 4 31. 6 30. 6 31. 2 30. 2 30. 2 30. 32. 4 32. 4 32. 4   | Mini-<br>mum.<br>°C.<br>24. 2<br>24. 2<br>23. 2<br>23. 2<br>23. 8<br>24. 2<br>23. 8<br>24. 2<br>24. 2<br>25. 6<br>23. 6<br>23. 2<br>24. 6<br>23. 2<br>24. 6<br>23. 2   | Rom  Maximum.  °C. 32.9 34 33 32.9 33 32.8 32.7 33.8 32.9 33.8 32.9 33.8 32.9 33.8 33.8 33.8 33.8  | Mini-mum.  **C. 23. 3 24. 2 23. 2 23. 9 22. 3 22. 9 22. 3 22. 9 22. 3 22. 9 22. 3 22. 3 22. 23. 2 23. 2 23. 2 23. 2 23. 2 23. 2 23. 2 23. 2 23. 2 23. 2   | Maxi-mum.  °C. 29. 6 27. 3 28. 9 29. 4 28. 6 28. 6 29. 8 30. 3 30. 1 30. 5 29. 3 26. 5 26. 4 29. 3 30. 2 29. 3   | Minimum.  °C. 23.4 22.4 22.2 22.3 22.4 23.2 23.2 23.  | Maximum.  OC. 29.3 29.8 29.8 30.3 30.6 31.2 30.1 1 31.1 27.8 31.4 30.9 30.7 30.4  | Mini-<br>mum.<br>°C.<br>23. 1<br>23. 4<br>24. 9<br>23. 6<br>23. 9<br>23. 8<br>23. 8<br>23. 3<br>24. 4<br>25. 2<br>24. 4<br>25. 2<br>26. 2<br>27. 20. 6<br>27. 20. 6<br>28. 2<br>29. 20. 6<br>29. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 7<br>20. 7<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. | Sunn Gu. Maximum.  °C. 29. 4 29. 8 30. 2 30 29. 4 29. 4 29. 4 29. 4 29. 4 30 30. 2 28. 8 30. 2 28. 8  | Minimum.  **C. 23. 6 24. 8 23. 4 22. 8 23. 6 25 25 24. 8 24. 6 24. 6 24. 6 24. 6 24. 6 24. 6 24. 6 24. 6 24. 6 24. 5 24 24. 4 22. 4 4 22. 4  | Cala  Maximum.  °C. 30.8 31 31 31 32 32.6 32.6 32.6 32.8 32 32 32 32 32 31 28 31.3  | mu 23. 23. 21. 21. 22. 21. 21. 22. 22. 22. 22. 23. 23. 23. 23.   |
| Day.                            | Catba  Maximum.  °C. 32. 2 30. 3 28 29. 5 28. 9 30. 4 30. 6 30. 2 31 31. 8 26. 3 29. 1 30 30. 3 30. 3 30. 6 29. 6                  | Mini-mum.  °C. 22, 7, 22, 5, 20, 6, 20, 5, 20, 5, 21, 8, 23, 3, 3, 23, 5, 21, 6, 20, 1, 19, 7, 19, 19, 19, 19, 19, 19, 19, 19, 19, 19  | Maximum.  °C. 32 29 30.5 30.3 29.6 29.7 30 33.32.2 30.8 28.2 30.8 28.2 30.8 31.3 31.2  | Mini-<br>mum.<br>°C.<br>22.9<br>23.8<br>21.1<br>21.9<br>22.6<br>21.7<br>21.3<br>22.5<br>21.7<br>22.5<br>21.7<br>22.5<br>21.7<br>22.1<br>24.5<br>24.2<br>22.1<br>22.6<br>21.4<br>22.6                             | Masimum.  °C. 30.4 30.4 31.4 30.8 32.4 31.6 31.2 30.6 31.2 30.2 30.2 30.2 30.2 31.6 31.6  | Mini-<br>mum.<br>°C.<br>24. 2<br>24. 6<br>24. 2<br>23. 2<br>23. 4<br>24. 2<br>23. 4<br>25. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>24. 6<br>25. 6<br>26. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 7<br>27. 7<br>27. 7<br>27. 7<br>27. 7<br>27. 7<br>27. 7<br>27. 7<br>27. 7 | Rom  Maximum.  °C. 32.9 34 33 32.9 33.8 32.7 33.8 32.9 33.3 31.9 32.6 32.9 33.4 33 32.4  | Mini-<br>mum.  23. 3 24. 2 23. 9 22. 3 9 22. 3 22. 9 22. 3 22. 9 22. 3 22. 9 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 23. 1 23. 2 23. 6 24. 4  | Maximum.  °C. 29.6 27.3 28.9 29.4 28.6 29.8 30.3 30.1 30.5 29.3 26.5 29.3 29.9 30.2  | Minimum.  °C. 23.4 22.4 22.2 22.2 22.2 22.3 22.4 23.2 23.2  | Maximum.  °C. 29.3 29.8 29.4 29.8 30.6 31.2 30.8 31.1 31.1 27.8 31.4 30.9 30.7 30.4   | Mini-mum.  °C. 23. 1 23. 4 24. 9 23. 6 23. 9 23. 8 23. 3 25. 2 24. 4 23. 7 20. 6 25. 2 24 22. 8 24. 4 24. 4 24. 4   | Sun Gui Maximum.  °C. 29. 4 29. 8 30. 2 30 29. 4 29. 4 29. 4 29. 4 30 30. 2 30. 2 30. 30. 30. 30. 4   | Minimum.  23.6 24.8 23.6 25 25 24.8 24.6 24.6 24.6 24.5 24 22.4 22.4   | Cala  Maximum.  °C. 30.8 31 31 31 32 31.6 32.2 32.6 32.6 32.6 32.32 31 28 31.3 32 33.3 32 33.3  | mi<br>mu<br>23.<br>23.<br>21.<br>21.<br>22.<br>21.<br>22.<br>21.<br>22.<br>20.<br>21.<br>24.<br>23.<br>24.   |
| Day.                            | Catba  Maximum.  °C. 32, 2 30, 3 28 29, 5 28, 9 30, 4 30, 6 30, 2 31 31, 8 26, 3 29, 1 30 30, 3 30, 6 29, 6 30, 5 30, 7            | Minimum.  °C. 22, 7 22, 5 20, 21, 7 21, 5 20, 6 20, 4 20, 5 21, 8 23, 3 23, 5 21, 5 21, 6 20, 1  | Calba Maximum.  °C. 32 29 30.5 30.5 30.9 6 29.7 30 33 32.2 30.8 32.2 29.3 32.2 31.1 32   | Minimum.  °C. 22.9 23 22.8 21.1 21.9 22.6 21.7 21.3 22.5 24.2 22.1 22.6 22.6 22.6 22.6 22.6 22.6   | Maximum.  °C. 30. 4 30. 4 30. 8 30. 8 30. 8 30. 6 31. 6 31. 6 31. 6 31. 6 31. 6 32. 4 32. 6 32. 4 32. 6   | Minimum.  °C. 24. 2 24. 2 24. 2 23. 8 24. 2 23. 8 24. 2 24. 4 25. 6 23. 6 23. 6 23. 6 23. 4 22. 8  | Rom  **C. 32. 9 34 33 32. 9 33 32. 8 32. 7 33. 7 33. 7 33. 8 32. 9 33. 32. 9 33. 4 33. 32. 9 33. 4 33. 32. 9   | Minimum.  °C. 23. 3 24. 22 23. 9 23. 2 23. 9 22. 3 22. 7 21. 9 22. 8 24. 8 24. 8 24. 8 24. 8 24. 4 23   | Maximum.  °C. 29.6 27.3 28.9 29.4 28.6 29.8 30.1 30.5 29.3 26.5 26.4 29.9 30.2 29.9  | Minimum.  °C. 23. 4 22. 4 22. 3 22. 4 23. 2 23. 2 23. 2 23. 4 22. 4 22. 8 24. 2 23. 8 24. 2 22. 4 22. 2 4 22. 4 22. 4 22. 4 22. 4 22. 4 22. 2 4 22. 4 22. 4 22. 4 22. 2 4 22. 4 22. 4 22. 4 22. 4 22. 4 22. 2 4 22. 4 22. 2 4 22. 4 22. 4 22. 2 4 22. 2 4 22. 4 22. 2 4 2 2 2 2 | Maximum.  °C. 29.3 29.8 29.8 29.8 30.6 31.2 30.8 31.1 31.1 27.8 31.4 30.9 30.7 30.4 30.8  | Mini-<br>mum.  OC. 23. 1 23. 4 24. 9 23. 8 23. 3 25. 2 24. 4 23. 7 20. 6 25. 2 24 22. 4 24. 4 24. 4 24. 4   | Sunn Gu: Maximum.  °C. 29.4 29.8 30.2 30 29.4 29.4 29.4 29.4 29.4 30 30.2 28.8 30.2 30.4 29.4 29.4  | Minimum.  23. 6 24. 8 23. 4 22. 8 23. 6 25 25 24. 4 24. 6 24. 6 24. 6 24. 6 24. 6 24. 6 24. 22. 4  | Cala  Maximum.  °C. 30.8 31 31 31 32 32.6 32.6 32.6 32.8 31 28 31.3 32 32 33.3 32 33.3 32 33.3 33.3 33  | mu 23. 23 21. 21. 22. 22. 22. 22. 22. 24. 23. 23. 23. 23. 24. 23. 23. 24. 23.  |
| Day.                            | Catba  Maximum.  °C. 32, 2 30, 3 28 29, 5 28, 9 30, 4 30, 6 30, 2 31 31, 8 26, 3 29, 1 30 30, 3 30, 6 29, 6 30, 5 30, 7            | Minimum.  °C. 22 22.7 22.5 20 21.7 21.5 20.6 20.4 20.5 21.8 23.8 23.5 21.6 20.1 19.7 20.7  | Calba Maximum.  °C. 32 29 30.5 30.3 29.6 29.7 30 32.2 30.8 28.4 30 31.3 31.2 31.1 32 30.8  | Minimum.  °C. 22.9 23.22.8 21.1 21.9 22.6 21.7 21.3 22.5 21.7 22.1 24.5 24.2 22.1 22.6 21.4 20.6 21.4  | Maximum.  °C. 30.4 30.4 30.4 31.4 30.8 30.8 32.6 31.4 32.6 31.6 30.6 31.2 30.2 30.2 30.2 30.2 30.2 30.2 30.2 30   | Mini-mum.  °C. 24.2 24.6 24.2 23.2 23.8 24.2 23.6 23.6 23.6 23.6 23.6 23.6 23.6 23   | Rom  Maximum.  °C. 32.9 34 33 32.9 33.8 32.7 33.8 32.9 33.3 32.9 33.4 33.3 32.4 33.4 33.4 33.4 33.4 33.4   | Mini-mum.  23. 3 24. 2 23. 9 22. 3 9 22. 3 22. 9 22. 3 22. 9 22. 3 22. 9 22. 3 22. 4 22. 3 23. 4 23. 2 23. 4 23. 2 23. 3  | Maximum.  °C. 29.6 27.3 28.9 29.4 28.6 28.6 28.6 29.3 30.1 30.5 29.3 26.5 29.3 20.2 29.3 20.2  | Minimum.  °C. 23. 4 22. 4 22. 22. 2 22. 2 23. 2 23. 2 23. 4 24. 22. 8 24. 22. 8 24. 22. 8 24. 22. 23. 8 22. 22. 5   | Maximum.  OC. 29.3 29.8 29.4 29.8 30.6 31.2 30.8 31.2 31.1 27.8 31.4 30.9 30.7  | Mini-mum.  °C. 23. 1 23. 4 24. 9 23. 6 23. 9 23. 8 23. 3 25. 2 24. 4 23. 7 20. 6 25. 2 22. 5 24 22. 8 24. 4 24. 4 24. 4 24. 4   | Sun Gui Maximum.  °C. 29. 4 29. 8 29. 6 29. 8 30. 29. 4 29. 4 29. 4 29. 3 30. 2 29. 4 29. 3 30. 2 29. 4 30. 3 30. 2 30. 3 30. 3 30. 4 30. 3   | Minimum.  23. 6 24. 8 22. 8 23. 25 25 24. 8 24. 6 24.  | Cala  Maximum.  °C. 30.8 31 31 31 32 31.6 32.2 32.6 32.6 32.6 32.32 32 32 31 31 32 32 32 31 31 31 32 32 32 31 31 31 32 32 31 31 31 32 32 31 31 31 32 32 31 31 31 32 32 31 31 31 32 32 31 31 31 32 32 31 31 31 32 32 31 31 31 32 32 31 31 31 32 32 32 31 31 31 31 32 32 32 31 31 31 31 32 32 32 31 31 31 31 32 32 32 31 31 31 32 32 32 31 31 31 31 32 32 32 32 31 31 31 31 | mu 23. 23. 21. 22. 21. 20. 20. 21. 24. 23. 23. 24. 23. 22.   |
| Day.                            | Catba  Maximum.  °C. 32, 2 30, 3 28 29, 5 28, 9 30, 4 30, 6 30, 2 31 31, 8 26, 3 29, 1 30 30, 3 30, 6 29, 6 30, 5 30, 7            | Minimum.  °C. 22. 7 22. 5 20. 21. 7 21. 5 20. 6 20. 4 20. 5 21. 8 23. 8 23. 3 23. 5 21. 5 21. 5 21. 7 20. 7 20. 7 20. 7  | Calba Maximum.  °C. 32 29 30.5 30.5 30.3 32.2 30.8 32.3 31.1 32.3 31.2 31.1 32 30.8  | Minimum.  °C. 22.9 23 22.8 21.9 22.6 21.7 21.3 22.5 21.7 22.1 24.5 24.2 22.1 22.6 22.6 21.4 20.6 21.4 23.7   | Maximum.  °C. 30. 4 30. 4 30. 8 30. 8 30. 8 30. 8 30. 6 30. 6 30. 6 30. 2 30. 2 30. 2 30. 2 30. 2 30. 2 30. 32. 4 31. 6 32. 4 32. 6 32. 4 32. 4   | Minimum.  °C. 24. 2 24. 6 24. 6 24. 2 23. 8 24. 2 23. 8 24. 2 25. 4 25. 6 23. 6 23. 6 23. 6 23. 6 24. 6 24. 6 24. 4 22. 8  | Rom  Maximum.  °C. 32.9 34 33 32.9 33.7 33.7 33.7 33.8 32.9 33.9 32.6 32.9 33.4 33.4 33.4 33.9 33.4 33.9   | Minimum.  **C.** 23. 3 24. 22 23. 2 23. 9 23. 2 22. 9 22. 3 22. 7 21. 9 22. 8 24. 8 24. 8 22. 3 6 24. 4 23 23. 2 23. 3 23. 2 23. 3 23. 2 23. 3 2  | Maximum.  °C. 29.6 27.3 28.9 29.4 28.6 28.6 29.8 30.1 30.5 29.3 26.6 29.8 29.9 30.2 29.8 29.1  | Minimum.  °C. 23.4 22.4 22.2 22.2 23.9 23.2 23.2 23.4 22.2 23.9 23.2 23.2 23.9 23.2 23.2 23.2   | Maximum.  °C. 29.3 29.8 29.8 30.6 31.2 31.1 27.8 31.4 30.9 30.7 30.4 30.8 30.9 30.9   | Mini-mum.  °C. 23. 1 23. 4 24. 9 23. 6 23. 9 23. 8 23. 3 25. 2 24. 4 23. 7 20. 6 25. 2 22. 5 24 22. 8 24. 4 24. 4 24. 4   | Sun Gu: Maximum.  °C. 29.4 29.8 29.6 29.8 30.2 30.2 29.4 29.4 29.4 29.4 29.4 29.4 29.4 29   | Minimum.  23. 6 24. 8 23. 4 22. 4 4 22. 4 4 22. 4 4 22. 4 4 22. 4 24. 6 24. 8 25.  | Cala  Maximum.  °C. 30.8 31 31 31 32 32.6 32.6 32.6 32.6 32.8 31 31 31 31 31 31 31 31 31 31 31 31 31  | Min mu  23. 23. 21. 21. 22. 21. 22. 21. 22. 21. 22. 22   |
| Day.                            | Catba  Maximum.  °C. 32, 2 30, 3 28 29, 5 28, 9 30, 4 30, 6 30, 2 31 31, 8 26, 3 29, 1 30 30, 3 30, 6 29, 6 30, 5 30, 7            | Mini-mum.  °C. 22 22, 7 21, 5 20, 6 20, 4 20, 5 21, 8 23, 8 23, 5 21, 6 20, 1 19, 7 20, 7 22, 6 21, 7 21, 7  | Calba Maximum.  °C. 32 29 30.5 30.3 29.6 29.7 30 32.2 30.8 28.4 30 31.3 31.2 31.1 32 30.8 31.1 32 30.8   | Minimum.  °C. 22.9 23 22.8 21.1 21.9 22.6 21.7 21.3 22.5 24.2 22.1 22.6 22.6 21.4 20.6 21.4 20.6 21.4 23.7 23.3  | Masimum.  °C. 30. 4 30. 4 30. 4 31. 4 32. 6 31. 4 32. 6 30. 2 30. | Mini-<br>mum.  °C. 24. 2 24. 2 24. 2 23. 2 23. 8 24. 2 23. 8 24. 2 24. 4 25. 6 23. 6 23. 2 24. 6 23. 4 22. 4 24. 6 24. 2 24. 6   | Rom  Maximum.  °C. 32.9 34 33 32.9 33.8 32.7 33.8 32.9 33.8 32.9 33.4 33.9 34.9 33.4 33.9 34.9   | Mini-mum.  23. 3 24. 223. 2 23. 9 22. 3 22. 9 22. 3 22. 9 22. 3 22. 9 22. 3 22. 4 8 22. 3 2 23. 2 23. 2 23. 2 23. 2 23. 2 23. 2 23. 2 23. 2 23. 2 23. 2 23. 2 23. 2 23. 2 23. 2 23. 2 23. 2 22. 8   | Maxi-<br>mum.<br>°C.<br>29. 6<br>27. 3<br>28. 9<br>29. 4<br>28. 6<br>28. 6<br>29. 8<br>30. 1<br>30. 5<br>29. 3<br>26. 5<br>26. 4<br>29. 3<br>29. 9<br>30. 2<br>29. 9<br>30. 2<br>29. 3<br>29. 4<br>29. 3<br>20. 2<br>29. 3<br>20. 2<br>20. 3<br>20. 2<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3 | Mini-mum.  °C. 23. 4 22. 4 22. 2 22. 2 23. 9 23. 2 23. 4 24. 22. 4 22. 4 22. 8 24. 22. 4 22. 8 24. 22. 8 24. 22. 8 24. 22. 8 25. 6 26. 6  | Maximum.  OC. 29.3 29.8 29.4 29.8 30.6 30.6 31.2 30.8 31.1 27.8 31.1 27.8 31.9 30.7 30.4 30.9 30.9 31.3   | Mini-mum.  OC. 23. 1 23. 4 24. 4 24. 4 23. 7 20. 6 25. 2 24. 4 24. 4 24. 4 24. 4 24. 1 25 22  | Sunn Gu.  Maximum.  °C. 29, 4 29, 8 30, 2 30 29, 4 29, 4 29, 4 29, 4 29, 4 29, 4 30, 2 30, 30, 4 29, 8 30, 4 30, 2 30, 30, 4 30, 30, 30, 4 30, 30, 30, 30, 4 30, 30, 30, 30, 30, 30, 30, 30, 30, 30,  | Minimum.  23.6 24.8 23.4 22.8 23.6 25 25 24.8 24.6 24.6 24.6 24.5 24.2 24.8 22.4 4 22.4 4 22.4 4 22.4 8 22.5 25 24.8 24.5 24.8 25.5 24.8 22.5 24.8 22.5 24.8 22.5 24.8 22.5 24.8 22.5 24.8 22.5 24.8 22.5 25.8 25.8 25.8 25.8 25.8 25.8 25   | Cala  Maximum.  °C. 30.8 31 31 31 32 31.6 32.6 32.6 32.8 32.32 32 32 32 32 31 38 32 32 33 32 33 32 33 33 33 33 33 33 33   | Min mu 23. 23 21. 21. 22. 21. 22. 21. 22. 22. 23. 23   |
| Day.                            | Catba  Maximum.  °C. 32, 2 30, 3 28 29, 5 28, 9 30, 4 30, 6 30, 2 31 31, 8 26, 3 29, 1 30 30, 3 30, 6 29, 6 30, 5 30, 7            | Mini-mum.  °C. 22 22. 7 22. 5 20 21. 7 21. 5 20. 6 20. 5 20. 5 21. 8 23. 8 23. 8 23. 8 23. 5 21. 6 20. 1 19. 7 20. 7 22. 6 21. 7 21. 1 20. 4   | Maximum.  °C. 32 29 30.5 30.3 29.6 29.7 30 33 32.2 30.8 28.2 30.8 28.2 30.8 31.3 31.2 30.8 31.1 32.6 30.8  | Mini-mum.  °C. 22.9 23.8 21.1 21.9 22.6 21.7 21.3 22.5 21.7 22.1 24.5 24.2 22.1 22.6 21.4 23.3 21.8 21.8   | Masimum.  °C. 30.4 30.4 31.4 30.8 32.4 31.6 31.2 30.2 30 32.4 31.6 32.6 32.4 32.8 32.8  | Mini-mum.  °C. 24. 2 24. 6 24. 2 23. 2 23. 4 24. 2 23. 8 24. 2 25. 6 23. 6 23. 6 23. 6 23. 6 23. 6 23. 6 23. 6 23. 6 23. 6 23. 6 24. 6 24. 6 24. 6 24. 6 24. 6 24. 6 24. 6 24. 6 24. 6 24. 6 24. 2 22. 8   | Rom  Maximum.  °C. 32.9 34 33 32.9 33.8 32.7 33.8 32.9 33.3 32.9 33.3 32.9 33.3 32.9 33.9 33   | Mini-mum.  23. 3 24. 2 23. 9 22. 3 9 22. 3 22. 9 22. 3 22. 9 22. 8 24. 8 22. 3 23. 2 24. 4 23 23. 2 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8   | Maximum.  °C. 29.6 27.3 28.9 29.4 28.6 29.8 30.3 30.1 30.5 29.3 26.5 29.3 29.9 30.2 29.8 29.1 30.2 29.8  | Minimum.  °C. 23.4 22.4 22.2 22.2 22.2 22.3 23.9 23.2 23.4 24 22.8 24.2 22.8 24.2 22.8 24.2 22.8 23.8 23.8 23.8 23.8 23.8 23.8 23   | Maximum.  °C. 29.3 29.8 29.4 29.8 29.4 29.8 30.6 31.2 30.8 31.1 31.1 27.8 31.4 30.9 30.7 30.4 30.8 30.9 30.9  | Mini-mum.  23. 1 23. 4 24. 9 23. 6 23. 9 23. 8 23. 3 25. 2 24. 4 24. 4 24. 4 24. 4 24. 1 25 22. 4 9   | Sun Gu  Maximum.  °C. 29.4 29.8 30.2 30 29.4 29.4 29.4 29.4 29.4 30.3 29.2 30.2 30.2 30.2 30.2 30.2 30.3 30.3   | Minimum.  23.6 24.8 23.4 22.8 23.6 24.6 24.6 24.5 24.4 22.4 422.4 22.4 22.4 22.4 22.   | Cala  Maximum.  °C. 30.8 31 31 31 31 32 31.6 32.2 32.6 32.6 32.6 32.32 31 28 31.3 32 31.3 32 31.3 32 31.3 32 31.3 32 32.4 31.5 32.5   | mu 23. 23 21. 21. 22 21. 22 21. 22 23. 23. 23. 23. 23. 23. 23. 23. 23.   |
| Day.                            | Catba  Maximum.  °C. 32, 2 30, 3 28 29, 5 28, 9 30, 4 30, 6 30, 2 31 31, 8 26, 3 29, 1 30 30, 3 30, 6 29, 6 30, 5 30, 7            | Minimum.  °C. 22 22, 7 21, 5 20, 6 20, 4 20, 5 21, 8 23, 3 23, 5 21, 6 20, 1 19, 7 22, 6 21, 7 22, 6 21, 7 22, 6 21, 7 22, 6 22, 7 21, 7 22, 6 21, 7 22, 6 22, 7 21, 7 22, 6 21, 7 22, 6 22, 7   | Maximum.  °C. 32 29 30.5 30.5 30.6 29,7 30 32.2 30.8 32.2 29,3 32.2 31.1 32.3 31.1 32.3 30.8 31.1 32.3 31.3 31.3 31.3 31.3 31.3 31.3   | Mini-mum.  °C. 22.9 23 22.8 21.19 22.6 21.7 21.3 22.5 21.7 22.1 22.6 22.6 22.6 22.6 22.6 22.6 22.6   | Maximum.  °C. 30. 4 30. 4 30. 4 31. 4 30. 8 30. 8 30. 8 30. 6 31. 4 31. 6 32. 4 31. 6 32. 4 32. 8 32. 4 32. 8 32. 8   | Minimum.  °C. 24. 2 24. 2 24. 2 23. 2 23. 2 24. 2 23. 8 24. 2 24. 2 25. 6 23. 2 24. 6 23. 2 24. 6 23. 4 22. 8 24. 4 24. 6 23. 2 24. 6 23. 2 24. 6 23. 2 24. 6 23. 2 24. 6 23. 2 24. 6 23. 2 24. 6 23. 2 24. 6 23. 2 24. 6 23. 2 24. 6 23. 2 24. 6 23. 2 24. 6 23. 2 24. 6 23. 2 24. 6 23. 2 24. 6 24. 2 25. 6 24. 2 25. 6 24. 2  | Rom  **C. 32.9 34 33 32.9 33 32.8 32.8 32.7 33.7 33.8 32.9 33.4 33.9 32.4 33.4 33.9 34.4 33.8 33.8   | Minimum.  °C. 23. 3 24. 2 23. 9 23. 9 22. 3 22. 9 22. 3 22. 9 22. 3 22. 9 22. 3 22. 9 22. 3 22. 9 22. 3 22. 9 22. 8 24. 8 24. 8 24. 8 24. 8 22. 8 24. 4 23 23. 2 23. 6 24. 4 23 23. 2 23. 2 23. 8 24. 2 25. 8 26. 2 27. 8   | Maximum.  °C. 29.6 27.3 28.9 29.4 28.6 28.6 29.8 30.3 30.1 30.5 29.3 26.5 26.4 29.3 30.2 29 30.2 29 30.3 30.1  | Minimum.  °C. 23. 4 22. 4 22. 22. 23. 2 23. 9 23. 2 23. 2 23. 4 22. 4 22. 4 22. 4 22. 4 22. 4 22. 4 22. 4 22. 3 22. 3 22. 3 22. 4 22. 4 22. 4 22. 4 22. 4 22. 4 22. 4 22. 3 23. 8 23. 3 23. 3   | Maximum.  OC. 29.3 29.8 29.8 30.3 30.6 31.2 30.8 31.2 31.1 27.8 30.9 30.7 30.4 30.9 30.9 31.3 31.8  | Mini-mum.  OC. 23. 1 23. 4 24. 9 23. 6 23. 8 23. 3 25. 2 24. 4 23. 7 20. 6 25. 2 23 32. 5 24 24. 4 24. 4 24. 1 25 22 24. 9 25. 2  | Sunn Guerra Maximum.  °C. 29. 4 29. 8 29. 6 29. 8 30. 2 29. 4 29. 4 29. 4 29. 4 29. 4 29. 4 29. 4 29. 4 29. 29. 30. 2 28. 8 30. 2 29. 27. 30. 30. 2 30. 2 30. 8   | Minimum.  23. 6 24. 8 23. 4 22. 4 24. 6 24. 6 24. 6 24. 6 24. 6 24. 6 24. 6 24. 6 24. 5 24 22. 4 | Cala  Maximum.  °C. 30.8 31 31 31 32 32.6 32.6 32.8 31.3 32 32 32 32 32 32 32 32 32 32 32 32 32   | mu   |
| Day.                            | Catba  Maximum.  °C. 32, 2 30, 3 28 29, 5 28, 9 30, 4 30, 6 30, 2 31 31, 8 26, 3 29, 1 30 30, 3 30, 6 29, 6 30, 5 30, 7            | Minimum.  °C. 22 22. 7 21. 5 20 21. 7 21. 5 20. 6 20. 4 20. 5 21. 8 23. 8 23. 5 21. 6 20. 7 20. 7 20. 7 20. 7 20. 7 20. 7 20. 7 20. 1  | Calba Maximum.  °C. 32 29 30.5 30.3 29.6 29.7 30 33.32.2 30.8 28.2 29.3 31.3 31.1 32.8 31.1 30.6 29.8 31.1 30.8  | Minimum.  °C. 22.9 23.22.8 21.1 21.9 22.6 21.7 21.3 22.5 24.2 22.1 24.5 24.2 22.1 22.6 21.4 20.6 21.4 20.6 21.4 20.6 21.4 20.6 21.4 20.6 21.2 22.2 22.2  | Masimum.  °C. 30. 4 30. 4 30. 4 31. 4 32. 6 31. 2 30. 2 30 32. 4 32. 4 32. 4 32. 4 32. 8 32. 8 33. 2 33. 2 33. 2 33. 2  | Mini-mum.  °C. 24.2 24.6 24.2 23.2 23.8 24.2 23.6 23.6 23.6 23.6 23.6 23.6 23.6 23   | Rom  Maximum.  °C. 32.9 34 33 32.9 33.8 32.7 33.8 32.9 33.4 33.9 32.6 32.9 33.4 33 32.4 33 32.4 33 32.4 33 32.3  | blon.  Minimum.  23. 3 24. 2 23. 9 22. 3 9 22. 3 22. 9 22. 3 22. 9 22. 3 22. 7 21. 9 22. 8 24. 8 22. 3 23. 1 23. 2  | Maximum.  °C. 29.6 27.3 28.9 29.4 28.6 28.6 28.6 29.3 30.1 30.5 29.3 26.5 29.3 30.2 29.8 29.8 29.1 30.2 29.8 30.2  | Minimum.  °C. 23.4 22.2 22.2 22.2 22.3 22.4 23.2 23.2   | Maximum.  OC. 29.3 29.8 29.4 29.8 30.3 30.6 31.2 31.1 27.8 31.4 30.9 30.7 30.4 30.8 30.9 31.3 31.8  | Mini-mum.  °C. 23. 1 23. 4 24. 9 23. 6 23. 9 23. 8 23. 3 25. 2 24. 4 23. 7 20. 6 25. 2 24. 4 24. 4 24. 4 24. 4 24. 4 24. 1 25 22 24. 9 25. 2 24. 9 25. 2  | Sun Gui Maximum.  °C.   29, 4   29, 8   29, 6   29, 4   29, 4   29, 4   29, 4   29, 4   29, 4   29, 27, 30, 2   28, 8   30, 4   29, 8   30, 4   29, 8   30, 20, 27, 30, 20, 27, 30, 20, 27, 30, 20, 20, 20, 20, 20, 20, 20, 20, 20, 2   | Minimum.  23. 6 24. 8 23. 6 25 25 24. 8 24. 6 24. 6 24. 6 24. 5 24. 22. 4 23. 6 24. 6  | Cala  Maximum.  °C. 30.8 31 31 31 32 31.6 32.2 32.6 32.6 32.6 32.32 31 31.3 32 32.32 31 31.3 32 32.32 31 31.5 32.5 32.5 32.5  | Min mu 23. 23. 23. 21. 21. 22. 21. 22. 22. 24. 23. 22. 22. 22. 22. 22. 24. 24  |
| Day.                            | Catba  Maximum.  °C. 32, 2 30, 3 28 29, 5 28, 9 30, 4 30, 6 30, 2 31 31, 8 26, 3 29, 1 30 30, 3 30, 6 29, 6 30, 5 30, 7            | Minimum.  °C. 22. 7 22. 5 20. 21. 7 21. 5 20. 6 20. 4 20. 5 21. 8 23. 3 23. 5 21. 5 21. 6 20. 1 19. 7 22. 6 21. 1 20. 4 22 23 21. 9  | Maximum.  °C. 32 29 30.5 30.5 30.3 29.6 29.7 30 33 32.2 30.8 32.2 29.3 31.1 32.3 30.8 31.1 32.3 30.8 31.1 32.3 30.8 31.1 30.6 29.8 31.1 30.6 29.8 31.3   | Minimum.  °C. 22. 9 23 22. 8 21. 1 21. 9 22. 6 21. 7 21. 3 22. 5 24. 2 22. 1 22. 6 22. 6 22. 6 22. 6 22. 6 22. 8 21. 7 22. 1 22. 1 22. 1 22. 1 22. 1 22. 22. 1 22. 22. 2   | Masimum.  °C. 30. 4 30. 4 30. 4 30. 8 30. 8 30. 8 30. 6 31. 6 31. 6 31. 6 32. 4 32. 4 32. 8 32. 4 32. 8 32. 8 33. 8   | Minimum.  °C. 24. 2 24. 6 24. 2 23. 8 24. 2 23. 8 24. 2 24. 6 23. 6 23. 4 22.8 24. 4 22.8 24. 4 22.8 24. 4 24. 8 24. 4 24. 8 24. 4 24. 8 24. 4 24. 8 24. 4 24. 8 24. 4 24. 8 24. 4 24. 8 24. 4 24. 8 24. 4 24. 8 24. 4 24. 8   | Rom  Maximum.  °C. 32.9 34 33 32.9 33 32.8 32.7 33.7 33.8 32.9 33.9 32.6 32.9 33.4 33.9 34.9 33.9 34.4 33.8 34.9 33.8 33.8 33.8                            | Minimum.  °C. 23. 3 24. 22 23. 9 23. 22 23. 9 22. 3 222. 9 22. 3 222. 9 22. 3 222. 9 22. 3 22. 23. 6 24. 4 223 23. 22. 23. 8 22. 28. 8 2  | Maximum.  °C. 29.6 27.3 28.9 29.4 28.6 29.8 30.1 30.5 29.3 26.5 26.4 29.3 29.9 30.2 29.8 29.1 30.2 29.4 30.1 30.1  | Minimum.  °C. 23. 4 22. 4 22. 22. 23. 2 23. 4 23. 2 23. 4 24. 2 24. 22. 4 22. 4 22. 4 22. 4 22. 5 23. 6 23. 3 23. 5 23. 5 24. 5 24. 5   | Maximum.  °C. 29.3 29.8 29.8 30.6 31.2 30.8 30.8 30.9 30.9 30.9 30.9 30.9 30.9 30.9 30.9  | Mini- mum.  OC. 23. 1 23. 4 24. 9 23. 8 23. 3 25. 2 24. 4 23. 7 20. 6 25. 2 24. 2 24. 4 24. 1 25 22 24. 9 25. 2 24. 5 24  | Sun Gu: Maximum.  °C. 29.4 29.8 29.6 29.8 30.2 29.4 29.4 29.4 29.4 29.4 29.4 29.4 29  | Minimum.  23. 6 24. 8 23. 4 22. 8 23. 6 25 25 24. 8 24. 6 24 | Cala  Maximum.  °C. 30.8 31 31 31 32 32.6 32.6 32.8 32.32 32.33 32 32.33 32 32.33 32 32.33 32 32.33 32 32.33 32 32.33 32 32.33 32 32.33 32 32.33 32 32.33 32 32.33 32 32.33 32 32.33 32 32.33 32 32.33 32 32.33 32 32.33  | min must see the second |
| Day.                            | Catba  Maximum.  °C. 32, 2 30, 3 28 29, 5 28, 9 30, 4 30, 6 30, 2 31 31, 8 26, 3 29, 1 30 30, 3 30, 6 29, 6 30, 5 30, 7            | Minimum.  °C. 22 22.7 22.5 20 21.7 21.5 20.6 20.4 20.5 21.8 23.3 23.5 21.6 21.7 20.7 20.7 22.6 21.7 20.7 22.6 21.7 20.7 22.6 21.7 20.7 22.6 21.7 22.9 22.9   | Calba Maximum.  °C. 32 29 30.5 30.3 29.6 29.7 30 33.2 32.2 30.8 28.2 29.3 31.1 32 31.1 32 31.8 31.1 32 30.8 31.2 30.8 31.3 31.2 32.3 30.8 31.3 31.2 32.3 30.8 31.3 31.3 31.2 32.3 30.8 31.3 31.3 32.3 30.8 31.3 30.8 | Minimum.  °C. 22.9 23.22.8 21.1 21.9 22.6 21.7 21.3 22.5 21.7 22.1 24.5 24.2 22.1 22.6 21.4 23.7 23.3 21.8 21.2 22.2 22.2 22.2 22.2 22.2 22.2  | Masimum.  °C. 30. 4 30. 4 30. 4 31. 4 30. 8 32. 4 32. 6 30. 6 31. 2 30 32. 4 32. 4 32. 4 32. 8 32. 2 32. 8 33. 2 32. 8  | Mini-<br>mum.  °C. 24. 2 24. 2 24. 2 23. 2 23. 8 24. 2 23. 8 24. 2 24. 4 25. 6 23. 2 24. 6 23. 2 24. 6 23. 4 22. 8 24. 6 24. 8 24. 6 24. 8 24. 6 24. 8 24. 6 24. 8   | Rom  Maximum.  °C. 32.9 34 33 32.9 33.8 32.7 33.8 32.9 33.3 32.9 33.3 32.9 33.8 32.9 33.8 32.9 33.8 32.9 33.8 33.9 33.9 33.8 33.9 33.8 33.9 33.8           | blon.  Minimum.  23. 3 24. 2 23. 9 22. 3 22. 9 22. 3 22. 9 22. 3 22. 9 22. 3 22. 9 22. 3 22. 4 23. 2 23. 2 24. 8 22. 3 23. 2 24. 8 22. 3 23. 2 24. 8 22. 3 23. 2  | Maximum.  29. 6 27. 3 28. 9 29. 4 28. 6 28. 6 28. 6 29. 8 30. 3 30. 1 30. 5 29. 3 26. 5 29. 3 30. 2 29. 2 30 30. 1 30. 2 30. 2 30. 3   | Minimum.  °C. 23. 4 22. 4 22. 2 22. 2 23. 9 23. 2 23. 2 24. 4 22. 8 24. 22 23. 8 24. 22 23. 8 24. 22 23. 8 24. 22 23. 8 24. 22 23. 8 24. 22 23. 8 24. 22 23. 8 24. 22 23. 8 24. 22 23. 8 24. 22 23. 8 24. 22 23. 8 24. 22 23. 8 24. 22 23. 8 24. 22 23. 8 24. 22 25. 6 23. 3 23. 5 24. 2  | Maximum.  °C. 29.3 29.8 29.4 29.8 30.6 31.2 30.8 31.1 31.1 27.8 31.4 30.9 30.7 30.4 30.8 30.9 31.3 31.3 31.3 30.8                                     | Mini-mum.  OC. 28. 1 23. 4 24. 4 24. 4 23. 9 23. 8 25. 2 24. 4 23. 7 20. 6 25. 2 24. 22. 8 24. 4 24. 1 25 22 24. 9 25. 2 24. 5 24   | Sunn Gui<br>Maxi-<br>mum.<br>°C.<br>29, 4<br>29, 8<br>30, 2<br>30, 2<br>29, 4<br>29, 4<br>29, 4<br>29, 4<br>29, 4<br>29, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, 2<br>30, | Minimum.  23. 6 24. 8 23. 4 22. 8 23. 6 24 | Cala  Maximum.  °C. 30.8 31 31 31 32 31.6 32.2 32.6 32.6 32.8 31.3 32 32.4 31.4 31.4 31.5 32.3 32.5 32.5 32.5 32.5 32.5   | Min mu 23. 23 21. 23. 21. 22. 22. 22. 24. 24. 24. 24. 24. 24. 24   |
| Day.                            | Catba  Maximum.  °C. 32, 2 30, 3 28 29, 5 28, 9 30, 4 30, 6 30, 2 31 31, 8 26, 3 29, 1 30 30, 3 30, 6 29, 6 30, 5 30, 7            | Minimum.  °C. 222. 7 222. 5 20. 6 20. 4 20. 5 20. 5 21. 7 21. 5 20. 5 21. 8 23. 8 23. 3 23. 5 21. 6 20. 1 19. 7 20. 7 21. 1 20. 4 22 23 21. 9 22. 5  | Calba Maximum.  °C. 32 930.5 30.3 32.2 30.8 32.3 32.2 30.8 31.1 30.6 29.8 31.1 30.6 29.8 31.1 30.6 29.8 31.5 30.3 22.5   | Minimum.  °C. 22.9 23 22.8 21.19 22.6 21.7 22.15 24.5 22.6 22.6 21.4 20.6 21.4 20.6 21.4 20.1 22.6 21.8 21.8 21.8 21.2 22.2 22.2 22.2 22.2   | Maximum.  °C. 30. 4 30. 4 30. 8 30. 8 30. 8 30. 8 30. 8 30. 2 30. 2 30. 2 30. 2 30. 2 30. 2 30. 2 30. 2 30. 32. 4 31. 6 30. 2 30. 32. 4 31. 6 32. 8 32. 8 32. 8 32. 8 32. 8   | Minimum.  C. 24. 2 24. 2 24. 2 23. 8 24. 2 23. 8 24. 2 23. 8 24. 2 23. 8 24. 2 24. 6 23. 6 23. 6 23. 6 24. 6 24. 6 24. 8 24. 4 24. 8   | Rom  Maximum.  °C. 32.9 34 33 32.9 33.7 33.7 33.7 33.8 32.9 33.3 32.9 33.4 33.9 34.4 33.9 34.4 33.8 34.9 33.8 33.9 34.4 33.8 33.8 33.9 34.4 33.8 33.9 34.9 | Minimum.  **C.** 23. 3 24. 2 23. 2 23. 2 23. 2 22. 9 22. 3 22. 7 21. 9 22. 8 24. 8 22. 3 6 24. 4 23 23. 2 22. 8 22  | Maximum.  °C. 29, 6 27, 3 28, 9 29, 4 30, 1 30, 5 29, 3 26, 5 26, 4 29, 3 30, 2 29, 9 30, 2 29, 1 30, 2 29, 4 30, 1 30, 1 30, 1 30, 2 30, 2  | Minimum.  °C. 23.4 22.4 22.2 22.2 23.9 23.2 23.2 23.9 23.2 23.2   | Maximum.  °C. 29.3 29.8 29.8 30.6 31.2 30.8 31.2 31.1 27.8 30.9 30.9 30.9 30.9 30.9 30.9 30.9 30.9  | Minimum.  °C. 23. 1 23. 4 24. 9 23. 8 23. 3 25. 2 24. 4 23. 7 20. 6 25. 2 24. 2 24. 4 24. 1 25. 2 24. 9 25. 2 24. 5 24. 9 25. 5   | Sunn Gui<br>Maxi-<br>mum.<br>°C.<br>29. 4<br>29. 8<br>30. 2<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 8<br>30. 3<br>30. 2<br>28. 8<br>30. 3<br>30. 2<br>28. 8<br>30. 3<br>30. 2<br>28. 8<br>30. 2<br>28. 8<br>30. 3<br>30. 2<br>29. 8<br>30. 2<br>29. 8<br>30. 2<br>29. 8<br>30. 2<br>29. 8<br>30. 2<br>29. 8<br>30. 2<br>29. 8<br>30. 2<br>29. 8<br>30. 2<br>29. 8<br>30. 2<br>29. 8<br>30. 3<br>29. 4<br>29. 4<br>29. 8<br>30. 2<br>20. 8<br>30. 3<br>20. 8<br>20. 8<br>30. 2<br>30. 8<br>20. 8<br>30. 2<br>30. 8<br>20. 8<br>30. 2<br>30. 8<br>30. 2<br>30. 8<br>30. 2<br>30. 6<br>30. 6<br>30. 6   | Minimum.  °C. 23.6 24.8 23.4 22.8 23.6 25 25 24.8 24.4 24.6 24.6 24.6 24.6 24.6 24.6 24.6  | Cala  Maximum.  °C. 30.8 31 31 31 32 32.6 32.6 32.6 32.8 32 32 32 32 32 32 32 32 32 32 32 32 32   | Mir mur 2323 23. 2121 22. 2121 2221 2223 232222  |
| Day.                            | Catba  Maximum.  °C. 32.2 30.3 28.5 28.9 30.4 30.6 30.2 30.2 31.8 26.3 30.6 30.5 30.7 31.5 29.7 31.5 29.7 31.5 29.8 30.1 30.7 30.6 | Minimum.  °C. 22 22, 7 21, 5 20, 6 20, 4 20, 5 21, 8 23, 3 23, 5 21, 6 20, 1 19, 7 20, 7 20, 7 20, 7 20, 20 21 20, 1 20, 20 21 21 22 23 21 22 23 21 22 23 21 22 23   | Maximum.  °C. 32 29 30.5 30.3 29.6 29.7 30 32.2 30.8 32.2 29.3 32.2 31.1 32.3 31.2 31.1 32.3 30.8 31.1 32.3 30.8 31.2 30.8 31.3 30.8 31.5 30.8   | Minimum.  °C. 22. 9 23 22. 8 21. 1 21. 9 22. 6 21. 7 21. 3 22. 5 24. 5 24. 2 22. 1 22. 6 22. 6 22. 6 22. 6 22. 6 22. 6 21. 4 20. 6 21. 4 20. 6 21. 4 20. 6 21. 2 22. 1 22. 2 23. 3 21. 8 21. 2 22. 2 23. 2 22. 2 | Maximum.  °C. 30. 4 30. 4 30. 4 31. 4 30. 8 30. 8 30. 8 30. 6 31. 4 31. 6 30. 6 31. 2 30. 2 30 32. 4 32. 4 32. 8 32. 8 32. 8 32. 8 32. 8  | Mini-<br>mum.  °C. 24. 2 24. 2 24. 2 23. 2 23. 8 24. 2 23. 8 24. 2 24. 6 23. 6 23. 2 24. 6 23. 4 25. 6 23. 4 24. 6 24. 2 24. 6 24. 8 24. 4 24. 8 24. 8 24. 8   | Rom  Maximum.  °C. 32.9 34 33 32.8 32.7 33.8 32.9 33.8 32.9 33.8 32.9 33.4 33.9 32.4 33.9 34.9 33.9 34.9 33.8 33.9 34.9 33.9 32.9                          | Minimum.  °C. 23. 3 24. 2 23. 9 23. 9 22. 3 22. 9 22. 3 22. 9 22. 3 22. 9 22. 3 22. 9 22. 3 22. 9 22. 8 24. 8 24. 8 22. 1 23. 2 23. 6 24. 4 23 23. 2 23. 8 24. 3 25. 5 23. 2  | Maximum.  °C. 29.6 27.3 28.9 29.4 28.6 28.6 29.8 30.3 30.1 30.5 29.3 26.5 26.4 29.3 30.2 29.3 30.1 30.2 30.1 30.2 30.1 30.2 30.1 30.2  | Minimum.  °C. 23. 4 22. 4 22. 22. 23. 22. 4 23. 2 23. 2 23. 4 22. 4 22. 4 22. 4 22. 4 22. 4 22. 5 23. 6 23. 3 23. 5 23. 5 23. 7 23. 7 23. 3   | Maximum.  OC. 29,3 29,8 29,8 30,3 30,6 31,2 30,1 230,8 31,1 27,8 31,1 27,8 31,1 27,8 31,1 27,8 31,1 27,8 31,1 31,1 27,8 30,9 30,9 31,3 30,4 31,3 31,4 | Mini-mum.  OC. 23. 1 23. 4 24. 4 24. 9 23. 8 23. 8 23. 3 22. 5 24. 2 24. 4 24. 4 24. 4 24. 4 24. 4 24. 4 24. 4 24. 4 24. 4 24. 4 24. 4 24. 4 24. 4 24. 4 24. 5 22. 8 24. 5 24. 5 24. 5 24. 5 24. 5  | Sunn Gu: Maximum.  °C. 29. 4 29. 8 30. 2 30 29. 4 29. 4 29. 4 29. 4 29. 4 29. 4 29. 4 30 30. 2 30. 2 30. 30. 2 30. 30. 6  | Minimum.  23. 6 24. 8 23. 4 22. 8 24. 4 24. 6 24. 6 24. 6 24. 6 24. 5 24 22. 4 | Cala  Maximum.  °C. 30.8 31 31 31 32 32.6 32.2 32.32 32.32 31.5 31.5 32 32.5 32.5 31.5  | Min mu 23. 23 21. 23. 21. 22. 22. 22. 24. 24. 24. 24. 24. 24. 24   |
| Day.                            | Catba  Maximum.  °C. 32.2 30.3 28.5 28.9 30.4 30.6 30.2 30.2 31.8 26.3 30.6 30.5 30.7 31.5 29.7 31.5 29.7 31.5 29.8 30.1 30.7 30.6 | Minimum.  °C. 222. 7 222. 5 20. 6 20. 4 20. 5 20. 5 21. 7 21. 5 20. 5 21. 8 23. 8 23. 3 23. 5 21. 6 20. 1 19. 7 20. 7 21. 1 20. 4 22 23 21. 9 22. 5  | Calba Maximum.  °C. 32 930.5 30.3 32.2 30.8 32.3 32.2 30.8 31.1 30.6 29.8 31.1 30.6 29.8 31.1 30.6 29.8 31.5 30.3 22.5   | Minimum.  °C. 22.9 23 22.8 21.19 22.6 21.7 22.15 24.5 22.6 22.6 21.4 20.6 21.4 20.6 21.4 20.1 22.6 21.8 21.8 21.8 21.2 22.2 22.2 22.2 22.2   | Maximum.  °C. 30. 4 30. 4 30. 8 30. 8 30. 8 30. 8 30. 8 30. 2 30. 2 30. 2 30. 2 30. 2 30. 2 30. 2 30. 2 30. 32. 4 31. 6 30. 2 30. 32. 4 31. 6 32. 8 32. 8 32. 8 32. 8 32. 8   | Minimum.  C. 24. 2 24. 2 24. 2 23. 8 24. 2 23. 8 24. 2 23. 8 24. 2 23. 8 24. 2 24. 6 23. 6 23. 6 23. 6 24. 6 24. 6 24. 8 24. 4 24. 8   | Rom  Maximum.  °C. 32.9 34 33 32.9 33.7 33.7 33.7 33.8 32.9 33.3 32.9 33.4 33.9 34.4 33.9 34.4 33.8 34.9 33.8 33.9 34.4 33.8 33.8 33.9 34.4 33.8 33.9 34.9 | Minimum.  **C.** 23. 3 24. 2 23. 2 23. 2 23. 2 22. 9 22. 3 22. 7 21. 9 22. 8 24. 8 22. 3 6 24. 4 23 23. 2 22. 8 22  | Maximum.  °C. 29, 6 27, 3 28, 9 29, 4 30, 1 30, 5 29, 3 26, 5 26, 4 29, 3 30, 2 29, 9 30, 2 29, 1 30, 2 29, 4 30, 1 30, 1 30, 1 30, 2 30, 2  | Minimum.  °C. 23.4 22.4 22.2 22.2 23.9 23.2 23.2 23.9 23.2 23.2   | Maximum.  °C. 29.3 29.8 29.8 30.6 31.2 30.8 31.2 31.1 27.8 30.9 30.9 30.9 30.9 30.9 30.9 30.9 30.9  | Minimum.  °C. 23. 1 23. 4 24. 9 23. 8 23. 3 25. 2 24. 4 23. 7 20. 6 25. 2 24. 2 24. 4 24. 1 25. 2 24. 9 25. 2 24. 5 24. 9 25. 5   | Sunn Gui<br>Maxi-<br>mum.<br>°C.<br>29. 4<br>29. 8<br>30. 2<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 8<br>30. 3<br>30. 2<br>28. 8<br>30. 3<br>30. 2<br>28. 8<br>30. 3<br>30. 2<br>28. 8<br>30. 2<br>28. 8<br>30. 3<br>30. 2<br>29. 8<br>30. 2<br>29. 8<br>30. 2<br>29. 8<br>30. 2<br>29. 8<br>30. 2<br>29. 8<br>30. 2<br>29. 8<br>30. 2<br>29. 8<br>30. 2<br>29. 8<br>30. 2<br>29. 8<br>30. 3<br>29. 4<br>29. 4<br>29. 8<br>30. 2<br>20. 8<br>30. 3<br>20. 8<br>20. 8<br>30. 2<br>30. 8<br>20. 8<br>30. 2<br>30. 8<br>20. 8<br>30. 2<br>30. 8<br>30. 2<br>30. 8<br>30. 2<br>30. 6<br>30. 6<br>30. 6   | Minimum.  °C. 23.6 24.8 23.4 22.8 23.6 25 25 24.8 24.4 24.6 24.6 24.6 24.6 24.6 24.6 24.6  | Cala  Maximum.  °C. 30.8 31 31 31 32 31.6 32.6 32.6 32.8 31.3 32 32.4 31.5 32.32 32.4 31.5 32.5 32.5 32.5 31.5 33.5   | Min must 23. 23. 21. 21. 22. 22. 22. 24. 24. 24. 22. 22. 24. 22. 24. 22. 24. 22. 24. 22. 24. 22. 24. 22. 24. 22. 24. 22. 24. 24  |

METEOROLOGICAL BULLETIN.

Maximum and minimum temperatures at the stations of the Weather Bureau, April, 1918—Continued.

|  | Vii  | rac.   | Na  | ıga.   | Bata  | ngas.  | Luc   | ena.   | Atim   | onan.  | Ambi<br>Tans  | ılong,<br>ıuan.   |  | bang,<br>mba.  | Para  | cale.   |
|--|--|--|---|--|---|--|---|--|--|--|---|---|--|--|---|---|
| Day.   | Maxi-<br>mum.  | Mini-<br>mum.  |   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini  |
| 1  | 30. 1<br>29. 5<br>30. 5<br>31. 2<br>31. 8<br>30. 7<br>32<br>31. 6<br>32<br>29. 7<br>30. 5<br>31. 6<br>31. 8          | °C. 21. 1 20. 5 21 20. 1 20. 2 20. 2 20. 4 20 20. 6 21. 3 21. 5 21. 2 21. 2 21. 2 20. 6 20. 4 20. 6 20. 1 20. 6 20. 1 20. 7 20. 6 20. 1 20. 6 20. 1 20. 6  | °C. 32.1 31.1 31.1 31.2 30.6 32.5 32.9 31.2 32.2 32.1 31 33.3 32.1 34.1 34.1 33.8 32.9 32.2 33.8 33.9 33.9 33.9 | °C. 20. 5 20. 5 21 17. 6 17. 1 18. 2 19 18. 3 19. 1 18. 8 21. 6 18. 2 21. 7 21 19. 3 17. 2 16. 6 16. 8 18. 9 19. 6 16. 8 18. 9 19. 6 16. 8 18. 9 20. 6 18. 9 20. 6 18. 5 | °C. 6 34.8 35 34 34.5 34.5 33.5 32.8 33.5 33.9 33.4 4.6 35.4 6.3 34.6 35.5 34.9 34.6 35.5   | °C.  | °C. 30 30.5 30.7 30.2 29.6 32.3 32.7 32.5 32.7 32.5 32.7 32.8 31.8 30.6 32.5 32.3 32.4 33.5 32.4 33.5 32.7 31.7 32.9 32.9 27.2                        | °C. 22.1 22.5 23.8 21.9 22.5 22.6 22.6 23.4 21.8 21.6 23.6 23.6 23.6 23.1 22.8 22.2 21.5 22.1 22.3 21.4 21.7 23.7 24.2 23.5 23.1 23.8        | °C. 427. 428. 427. 928. 428. 227. 529. 330. 328. 729. 431. 532. 328. 429. 229. 28. 829. 930. 830. 6429. 229. 730. 6630. 631. 430. 931. 1   | °C. 22.7 24.6 24.8 24.6 24.8 23.3 21.1 21.9 25.2 25.4 23.3 22.5 25.5 25.2 25.1 25.5 25.5 25.5 25.5   | °C. 32. 2 34. 8 34. 8 32. 8 34. 2 36. 37. 3 35. 2 32. 5 29. 2 34. 8 34. 2 34. | °C. 23 23 23.6 20.4 20.8 23 21.7 21.3 20 21.2 22.8 20.7 22.3 24.7 22.4 23.8 22.7 21.3 22.1 25.4 25.4 24.5 21.9 23.7 | °C. 31.8 32.4 31.6 31.6 33.8 34.4 34.2 35.2 26.6 31.3 33.1 32.8 32.8 32.9 33.2 34.2 34.2 34.2 34.3 34.4 34.2 33.3 34.6 33.3  | °C. 21.8 20.9 21.6 21.8 20.2 22.4 21.8 20.8 20.4 21.8 20.2 22.2 20.2 22.3 22.8 22.8 22.3 21.6 21.4 21.8 22.8 22.8 22.3 23.6 23.6 22.8 22.8 22.8 22.8 23.6 23.6 23.6 23.6 23.6 23.6 23.6 23.6 | °C. 29.9 29.3 29.5 30.2 29.5 30.1 29.7 30.2 30.2 30.2 30.1 29.5 30.2 30.2 30.1 29.5 30.8 30.5 31.4 31.2 29.5 28.6 30.8 31.3 30.5                                  | °C.23.8 24.4 24.7 22.4 24.4 24.4 24.2 22.8 22.5.6 23.3 23.8 23.8 24.1 25.2 24.8 24.8 24.8 24.5 24.8 24.5 24.8 25.2 24.8 25.2 24.8 25.2 24.8 25.2 24.8 25.2 24.8 25.2 24.8 25.2 24.8 25.2 24.8 25.2 24.8 25.2 24.8 25.2 24.8 25.2 24.8 25.2 24.8 25.2 25.2 24.8 25.2 24.8 25.2 24.8 25.2 24.8 25.2 24.8 25.2 24.8 25.2 24.8 25.2 24.8 25.2 24.8 25.2 24.8 25.2 24.8 25.2 24.8 25.2 24.8 25.2 24.8 25.2 25.2 24.8 25.2 24.8 25.2 25.2 24.8 25.2 24.8 25.2 25.2 24.8 25.2 25.2 25.2 25.2 25.2 25.2 25.2 25 |
| Mean   | 31.4   | 20.6   | 32.2  | 19.1   | 34.3  |  | 31.2  | 22. 4  | 30   | 24.3   | 34.2  | 22. 5   | 33.2   | 21.8   | 30.1  | 23.9  |
| Day.   |  | Cruz,  | Ma  | nila.  | Anti  | polo.  | It  | oa.  | San I  | sidro.   | Tar   | lac.  | Ва   | ler.   | Dagu  | ıpan.   |
|  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum  |
| 1 2 2 3 4 4 5 5 6 7 7 8 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10 | °C. 30.9 31.3 31.3 30.6 30.8 30.4 31.6 32.4 32.8 33.9  | °C.<br>22. 4<br>21. 5<br>22. 6<br>21. 3<br>21. 7<br>20. 6<br>22. 5<br>21. 2<br>21  | °C.<br>33. 1<br>33. 2<br>33. 6<br>32. 1<br>33. 6<br>32. 7<br>33. 8<br>34. 1<br>33. 4<br>33. 7                   | °C. 21.8 19.4 19.6 20 19.6 18.3 21.1 21.8 22.3 19.6  | °C.<br>34.7<br>35.6<br>35.2<br>33.7<br>34.7<br>35.5<br>35.9<br>37.3<br>35.7<br>35.9   | °C.<br>21<br>19.5<br>19.7<br>20.5<br>20.5<br>20.5<br>21  | °C.<br>33.6<br>32.4<br>32.3<br>33.3<br>32.3<br>31.9<br>32.3<br>32.1<br>32.4<br>32.8   | °C. 20.7 19.3 20.6 21.6 19.2 21 20.7 24 21.7 21.3  | °C.<br>32<br>32. 4<br>31. 6<br>31. 9<br>32. 5<br>34. 6<br>35. 1<br>35. 5<br>35. 2  | °C. 20.4 19.6 20 21.3 21.3 21.1 23.5 23 22.6   | °C.<br>36<br>36<br>35<br>35. 2<br>36. 6<br>37. 2<br>37. 3<br>37. 4<br>39. 2   | °C.<br>20.7<br>20.6<br>20.7<br>21.2<br>21.5<br>20<br>21.2<br>23.6<br>23.1   | °C.<br>28.7<br>29.4<br>28<br>29.4<br>29.2<br>28.8<br>30.9<br>29.8<br>30.9  | °C.<br>22. 2<br>21. 1<br>22. 4<br>22. 3<br>22. 1<br>21. 5<br>21. 8<br>22. 3<br>22. 7<br>21   | °C.<br>36<br>35<br>33.3<br>33.6<br>34.5<br>35.5<br>34.6<br>35.5<br>31.7<br>32.1   | °C.<br>23. 2<br>21. 5<br>21. 9<br>23. 3<br>22. 5<br>22. 6<br>22. 5<br>24. 1<br>23. 5<br>23. 6<br>25. 3  |
| 11   | 33<br>32<br>34<br>35.6<br>27<br>30.3<br>31.3<br>31.3<br>31.4<br>33.3<br>32.7<br>30.1<br>31.9<br>32.6<br>32.6<br>32.5 | 20. 9<br>22. 4<br>20. 7<br>22<br>23. 1<br>23. 7<br>22. 9<br>22. 9<br>22. 3<br>20. 3<br>20. 4<br>21<br>22. 2<br>23. 6<br>23. 7<br>23. 6<br>23. 7<br>23. 5<br>24. 5<br>25. 5<br>25. 5<br>25. 5<br>26. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5 | 33.8<br>32.3<br>32.1<br>30.2<br>31.7<br>32.9<br>34.5<br>34.6<br>35.4<br>34.6<br>34.6<br>34.6<br>34.6            | 21. 8<br>22. 1<br>21. 6<br>22. 6<br>24. 5<br>23. 9<br>22. 8<br>21. 6<br>20. 4<br>20. 8<br>19. 7<br>20. 8<br>22. 2<br>22. 7<br>23. 3<br>23. 3<br>23. 6<br>21. 5<br>21. 4  | 37, 34, 8<br>33, 5, 5<br>31, 3<br>32, 1, 7<br>35, 4<br>35, 2<br>36, 3<br>34, 8<br>35, 7<br>36, 3<br>34, 8<br>35, 5<br>36, 3<br>35, 5<br>36, 3<br>35, 5<br>36, 3<br>35, 5<br>36, 3<br>35, 5<br>36, 3<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36, 5<br>36 | 18. 9<br>20. 6<br>20. 3<br>21. 7<br>23. 8<br>22. 2<br>20. 9<br>21. 9<br>23. 3<br>22. 5<br>21. 5<br>22. 2<br>22. 3<br>22. 2 | 33. 1<br>31. 9<br>32. 5<br>32. 9<br>31. 6<br>32. 3<br>32. 4<br>32. 4<br>32. 5<br>32. 6<br>33. 4<br>33. 4<br>32. 5<br>32. 5<br>32. 5<br>32. 6<br>33. 8 | 21. 4<br>22. 3<br>22. 9<br>22. 7<br>22. 9<br>22. 7<br>21. 5<br>21. 5<br>21. 4<br>20. 8<br>21. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 4<br>21. 6 | 35. 2<br>35. 8<br>36. 2<br>34. 4<br>34. 5<br>33. 5<br>36. 4<br>33. 5<br>36. 4<br>37. 4<br>38. 4<br>38. 4<br>38. 4<br>38. 4<br>38. 4<br>38. 4<br>38. 6<br>38. 6<br>38. 6<br>38. 6 | 22. 2<br>22. 9<br>22. 9<br>24. 7<br>24. 1<br>24. 8<br>23. 5<br>22. 7<br>21. 1<br>21. 8<br>23. 2<br>21. 2<br>22. 5<br>22. 5<br>22. 2<br>21. 2 | 37 27 36. 6 35. 4 36. 2 36. 2 35. 8 37. 2 35. 8 35. 4 35. 6 35. 6 35. 6 35. 6 35. 6   | 24<br>22. 3<br>24. 8<br>23. 24. 2<br>23. 4<br>21. 6<br>21. 4<br>22. 1<br>22. 1<br>22. 3<br>22. 5<br>21. 5<br>21. 6  | 30.8<br>31.5<br>32.5<br>32.7<br>30.3<br>29.5<br>30.2<br>30.2<br>30.2<br>30.7<br>30.4<br>28.1<br>29.9<br>30.4<br>30.4<br>31.5 | 21. 3<br>22. 5<br>20<br>22. 7<br>23. 4<br>22. 7<br>22. 7<br>22. 5<br>21. 9<br>20. 1<br>20. 1<br>22. 7<br>23. 4<br>21. 9<br>20. 2<br>21. 1<br>22. 7<br>23. 4<br>20. 2                         | 33. 5<br>32. 5<br>31<br>30. 6<br>34. 5<br>36<br>35. 1<br>34. 5<br>36. 5<br>34. 4<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5 | 23. 1<br>24. 4<br>25. 1<br>24. 1<br>24. 2<br>22. 2<br>22. 9<br>22. 5<br>22. 4<br>23. 3<br>22. 3<br>22. 8<br>22. 8<br>22. 8<br>22. 8   |

Maximum and minimum temperatures at the stations of the Weather Bureau, April, 1918—Continued.

| De       | Boli   | inao.  | Bag  | guio.  |   | 'ernan-<br>Inion.   | Ech  | agüe.   | Can   | don.  | Vis  | gan.   |
|----------|--|--|--|--|---|---|--|---|---|---|--|--|
| Day.     | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Min  |
|          | °C.  | °C.  | °C.  | °C.  | °C.   | °C.   | °C.  | °C.   | °C.   | °C.   | °C.  | °C.  |
| 1        | 34.3   | 23.5   | 24.1   | 14.1   | 33.8  | 22.6  | 33   | 21. 9   | 33.9  | 24  | 31.6   | 23.6   |
| 2        | 33.6   | 23.4   | 23.5   | 14   | 33  | 22  | 32. 1  | 20.6  | 34.2  | 24.5  | 31. 1  | 23.6   |
| 3        | 33.9   | 23. 2  | 21.7   | 13.8   | 33.5  | 23  | 30.5   | 21.3  | 33.4  | 24  | 31.1   | 23.1   |
| 4        | 34.1   | 21.5   | 22.8   | 13.7   | 33. 1   | 22.7  | 33   | 21  | 34  | 24  | 32.1   | 24.1   |
| 5        | 33.7   | 23.7   | 23.5   | 13.4   | 33.2  | 21  | 33.5   | 21.4  | 33.8  | 24.2  | 31.6   | 23.5   |
| 6        | 32.5   | 23.2   | 23.5   | 13. 4  | 34.1  | 23  | 34.1   | 19. 4   | 33.7  | 24.9  | 32.2   | 23.6   |
| 7        | . 33   | 23.2   | 24.6   | 13.8   | 35  | 22.4  | 35.5   | 20.5  | 33.7  | 25  | 32   | 23   |
| 8        |  | 22.9   | 23.8   | 14. 9  | 33.4  | 22  | 35   | 21.2  | 34.3  | 24.5  | 32. 7  | 22. 3  |
| 9<br>10  |  | 23.1   | 24.4   | 15. 1  | 34.5  | 21.9  | 35.8   | 21.1  | 34.4  | 25.8  | 32.5   | 23.  |
|          |  | 23.2   | 22. 1  | 15. 7  | 33.5  | 23.3  | 35. 5  | 21.2  | 34.5  | 24  | 32.1   | 22.8   |
| 11<br>19 |  | 26.5   | 25.1   | 14.9   | 34.5  | 25. 2   | 34   | 22.2  | 34.6  | 25. 5   | 33.6   | 24.  |
| 12<br>13 |  | 23. 5<br>25. 7   | 23.3<br>24.5   | 14.9   | 33. 5<br>33   | 25.7<br>22.6  | 33. 5<br>33  | 21. 1<br>20. 2  | 33.5  | 25<br>24. 5   | 32. 6<br>32. 1   | 23.<br>23.   |
| 14       | 32   | 26. 2  | 23. 2  | 15. 2<br>14. 4   | 33  | 23. 3   | 32.7   | 20.2  | 33<br>33. 7   | 24.5  | 30.5   | 22.  |
| 5        | 31. 9  | 25. 1  | 23. 2  | 14. 4  | 32.6  | 23. 3   | 30.7   | 21.7  | 33. 4   | 23.5  | 31.5   | 21.  |
| 16       |  | 25.6   | 23.8   | 15.2   | 33.8  | 24.6  | 30. 1  | 21. 4   | 33. 9   | 25. 2   | 31.6   | 22.  |
| 7        |  | 25.5   | 24   | 14   | 33.1  | 24.0  | 33   | 21.3  | 33  | 25. 2   | 32.3   | 22.  |
| 8        |  | 24   | 23.4   | 14.4   | 34.2  | 24. 4   | 34.1   | 21.7  | 32.7  | 25. 5   | 32.2   | 25   |
| 9        |  | 23. 5  | 24.4   | 13.5   | 33.7  | 23.2  | 34. 5  | 21  | 33. 2   | 24.8  | 32.5   | 24.  |
| 0        | 34   | 23.4   | 23.8   | 13.8   | 34.3  | 23.6  | 35   | 22.1  | 33.7  | 24.5  | 32. 2  | 24.  |
| 1        | 33. 9  | 23.5   | 24.7   | 13.9   | 35.3  | 23.6  | 35.2   | 20.3  | 33.4  | 24  | 31.4   | 24   |
| 2        | 33.8   | 23.7   | 24.6   | 14.2   | 34.3  | 23  | 34   | 20. 1   | 33. 5   | 24.5  | 32.7   | 23.  |
| 3        | 34.8   | 25.3   | 25.3   | 15.4   | 33. 3   | 22  | 36.3   | 22.2  | 33.2  | 24  | 32.3   | 24.  |
|          | 36.9   | 22.7   | 26.2   | 15. 1  | 33.8  | 22.6  | 35.4   | 20.3  | 34.4  | 25.3  | 33.4   | 24.  |
| <u>5</u> | 36.1   | 24.4   | 25.8   | 15. 9  | 34.2  | 24.5  | 30.5   | 22.6  | 34  | 25.8  | 33.7   | 25   |
| <u>6</u> | 35.2   | 25. 2  | 24.6   | 15.6   | 34.6  | 23  | 35.7   | 22.5  | 35  | 25.1  | 33.4   | 24.  |
| <u>7</u> | 34.5   | 24.8   | 24. 3  | 15. 1  | 34.2  | 23.3  | 34.5   | 21.5  | 35  | 24.5  | 34.1   | 23.  |
| B        | 35.5   | 25. 3  | 24.5   | 14.4   | 35  | 23  | 35.2   | 20.3  | 35  | 24  | 34   | 23.  |
| 9        | 35.2   | 25   | 24.6   | 15   | 35.5  | 23<br>23. 6   | 36.5   | 21  | 35  | 24.6  | 33.7   | 24.  |
| O        | 36.5   | 26   | 25.8   | 14. 4  | 36.8  | 23.0  | 36. 5  | 18.4  | 34.4  | 24.5  | 33.3   | 24.  |
| Mean     | 33.9   | 24.2   | 24.1   | 14.5   | 34  | 23. 2   | 33. 9  | 21.1  | 33.9  | 24.6  | 32. 4  | 23.  |
|          | Tugue  |  |  | ag.a   | 1 And   | arri.   |  | pe  | Domi  |   |  | gon.   |
| Dav      | Tugue  | garao.   | Lac  |  | Ape   |   | Boje   | ador.   | Bata  | ingo,<br>anes.  | Sorso  |  |
| Day.     | Maxi-  | Mini-  | Maxi-  | Mini-  | Maxi-   | Mini-   | Boje<br>Maxi-  | ador.<br>Mini-  |   |   | Maxi-  | Min  |
| Day.     |  |  |  |  |   |   | -  |   | Bata  | nes.  |  | Min<br>mur   |
|          | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | mur<br>~C  |
|          | Maximum.   | Mini-<br>mum.<br>°C.<br>22.5   | Maxi-<br>mum.<br>°C.<br>36.5   | Minimum.   | Maxi-<br>mum.<br>°C.<br>30.5  | Mini-<br>mum.<br>°C.<br>22.3  | Maximum.   | Mini-<br>mum.<br>°C.<br>22. 4   | Maximum.  | Minimum.  | Maximum.   | °(22   |
|          | Maxi-<br>mum.<br>°C.<br>32.5<br>33.6   | Mini-<br>mum.<br>°C.<br>22.5<br>22.4   | Maxi-<br>mum.<br>°C.<br>36.5<br>36.1   | Mini-<br>mum.<br>°C.<br>20.5   | Maximum.  °C. 30.5 30.1   | Mini-<br>mum.<br>°C.<br>22.3<br>20.5  | Maxi-<br>mum.<br>°C.<br>32.2<br>30.3   | Mini-<br>mum.<br>°C.<br>22. 4<br>23. 2  | Maxi-<br>mum.<br>°C.<br>27<br>26. 4   | Mini-<br>mum.<br>°C.<br>22. 4<br>21. 9  | Maximum.  °C. 29.6   | °C 22 21   |
|          | Maximum.  °C. 32.5 33.6 33.8   | Minimum.  °C. 22.5 22.4 22.2   | Maxi-<br>mum.<br>°C.<br>36.5<br>36.1   | Mini-<br>mum.<br>°C.<br>20.5<br>21<br>21   | Maximum.  °C. 30.5 30.1 29.7  | Minimum.  °C. 22.3 20.5 23.1  | Maximum.  °C. 32.2 30.3 30.4   | Mini-<br>mum.<br>°C.<br>22. 4<br>23. 2<br>22. 5   | Maximum.  °C. 27 26.4 26.6  | Minimum.  °C. 22.4 21.9 21.5  | Maximum.  °C. 29.6 30 29.5   | 90<br>22<br>21<br>21.  |
|          | Maxi-<br>mum.<br>32.5<br>33.6<br>33.8<br>35.6  | Mini-<br>mum.<br>°C.<br>22.5<br>22.4<br>22.2<br>21.8   | Maxi-<br>mum.<br>°C.<br>36.5<br>36.1<br>39<br>34.8   | Mini-<br>mum.  °C. 20.5 21 21 19.3   | Maximum.  °C. 30.5 30.1 29.7 30.6   | Mini-<br>mum.  °C. 22.3 20.5 23.1 22.1  | Maximum.  °C. 32.2 30.3 30.4 32.8  | Mini-<br>mum.<br>°C.<br>22. 4<br>23. 2<br>22. 5<br>22. 3  | Maxi-<br>mum.<br>°C.<br>27<br>26. 4<br>26. 6<br>27  | Mini-<br>mum.<br>°C.<br>22. 4<br>21. 9<br>21. 5<br>21. 5  | Maximum.  °C. 29.6 30 29.5 29.8  | 22<br>21<br>21.<br>21.   |
|          | Maxi-<br>mum.<br>°C.<br>32. 5<br>33. 6<br>33. 8<br>35. 6<br>35. 5  | Mini-<br>mum.  °C. 22.5 22.4 22.2 21.8 20.9  | Maximum.  °C. 36.5 36.1 39 34.8 34.8   | Minimum.  °C. 20.5 21 21 19.3 20.2   | Maxi-<br>mum.<br>°C.<br>30. 5<br>30. 1<br>29. 7<br>30. 6<br>31  | Mini-<br>mum.  °C. 22.3 20.5 23.1 22.1 20.3   | Maximum.  °C. 32.2 30.3 30.4 32.8 31.4   | Minimum.  °C. 22. 4 23. 2 22. 5 22. 3 22. 8   | Maxi-<br>mum.<br>°C.<br>27<br>26. 4<br>26. 6<br>27<br>29. 4   | Minimum.  °C. 22.4 21.9 21.5 21.5 22.7  | Maximum.  °C. 29.6 30 29.5 29.8 30.4   | 22<br>21<br>21.<br>21.<br>21.  |
|          | Maximum.  °C. 32.5 33.6 33.8 35.6 35.5 36.6  | Minimum.  °C. 22.5 22.4 22.2 21.8 20.9 19.5  | Maximum.  °C. 36.5 36.1 39 34.8 34.8   | Minimum.  °C. 20.5 21 21 19.3 20.2 20.7  | Maximum.  °C. 30.5 30.1 29.7 30.6 31 30.8   | Minimum.  °C. 22.3 20.5 23.1 22.1 20.3 20.2   | Maximum.  °C. 32.2 30.3 30.4 32.8 31.4 31.8  | Minimum.  °C. 22.4 23.2 22.5 22.3 22.8 23.2   | Maximum.  °C. 27 26.4 26.6 27 29.4 28.5   | Minimum.  °C. 22. 4 21. 9 21. 5 21. 5 22. 7 23. 2   | Maximum.  °C. 29.6 30 29.5 29.8 30.4 30.4  | mu<br>22<br>21<br>21.<br>21.<br>21.<br>22.   |
|          | Maximum.  °C. 32.5 33.6 33.8 35.6 35.5 36.6 37   | Minimum.  °C. 22.5 22.4 22.2 21.8 20.9 19.5 22.4   | Maximum.  °C. 36.5 36.1 39 34.8 34.8 35 35.6   | Minimum.  °C. 20.5 21 21 19.3 20.2 20.7  | Maximum.  °C. 30.5 30.1 29.7 30.6 31 30.8 33.1  | Minimum.  °C. 22.3 20.5 23.1 22.1 20.3 20.2 21.5  | Maximum.  °C. 32.2 30.3 30.4 32.8 31.4 31.8 31.6   | Minimum.  °C. 22.4 23.2 22.5 22.3 22.8 23.2 23.8  | Maxi-<br>mum.<br>°C.<br>27<br>26. 4<br>26. 6<br>27<br>29. 4<br>28. 5<br>31  | Minimum.  °C. 22.4 21.9 21.5 21.5 22.7 23.2 23.5  | Maximum.  °C. 29.6 30 29.5 29.8 30.4 30.5  | mu<br>22<br>21<br>21.<br>21.<br>21.<br>22.<br>22.  |
|          | Maximum.   | Minimum.  °C. 22.5 22.4 22.2 21.8 20.9 19.5 22.4 24.5  | Maximum.  °C. 36.5 36.1 39 34.8 34.8 35.6 36.2   | Minimum.  °C. 20.5 21 19.3 20.2 20.7 20 20.5   | Maxi-<br>mum.<br>°C.<br>30.5<br>30.1<br>29.7<br>30.6<br>31<br>30.8<br>33.1<br>34.6?   | Minimum.  °C. 22.3 20.5 23.1 22.1 20.3 20.2 21.5 23.3   | Maximum.  °C. 32.2 30.3 30.4 32.8 31.4 31.6 31.6   | Minimum.  22. 4 23. 2 22. 5 22. 3 22. 8 23. 2 23. 8 23. 2 23. 8 23. 4   | Maximum.  °C. 27 26.4 26.6 27 29.4 28.5 31 31.6   | Minimum.  °C. 22. 4 21. 9 21. 5 21. 5 22. 7 23. 2 23. 5 23. 8   | Maximum.  °C. 29.6 30 29.5 29.8 30.4 30.4 30.5 30.5  | 22<br>21<br>21.<br>21.<br>22.<br>22.<br>22.  |
|          | Maximum.  °C. 32.5 33.6 33.8 35.6 35.5 36.6 37   | Minimum.  °C. 22.5 22.4 22.2 21.8 20.9 19.5 22.4   | Maximum.  °C. 36.5 36.1 39 34.8 34.8 35 35.6 36.2 35.5   | Minimum.  °C. 20.5 21 21 19.3 20.2 20.7 20 20.5 21.5   | Maximum.  °C. 30.5 30.1 29.7 30.6 31 30.8 33.1 34.6?  | Minimum.  °C. 22.3 20.5 23.1 22.1 20.3 20.2 21.5 23.3 22.3  | Maximum.  °C. 32.2 30.3 30.4 32.8 31.6 31.8 31.6 31.8  | Minimum.  °C. 22.4 23.2 22.5 22.3 22.8 23.2 23.8  | Maxi-<br>mum.<br>°C.<br>27<br>26. 4<br>26. 6<br>27<br>29. 4<br>28. 5<br>31<br>31. 6<br>31. 6  | Minimum.  °C. 22.4 21.9 21.5 21.5 22.7 23.2 23.5 23.8 23.8  | Maximum.  °C. 29.6 30 29.5 29.8 30.4 30.4  | mu<br>22<br>21<br>21.<br>21.<br>22.<br>22.<br>22.<br>21.<br>21.  |
|          | Maximum.  °C. 32.5 33.6 33.6 35.6 35.5 36.6 37 36.5 38.2 36.8  | Minimum.  °C. 22.5 22.4 22.2 21.8 20.9 19.5 22.4 24.5 23 23.7  | Maxi-<br>mum.<br>36.5<br>36.1<br>39<br>34.8<br>35.6<br>35.6<br>35.5<br>35.5  | Minimum.  °C. 20.5 21 21 21 22 20.7 20 20.5 21.5 21.3  | Maxi-<br>mum.<br>°C.<br>30.5<br>30.1<br>29.7<br>30.6<br>31<br>30.8<br>33.1<br>34.6?<br>32.7<br>32.8                           | Minimum.  °C. 22.3 20.5 23.1 22.1 20.3 20.2 21.5 23.3 22.3  | Maximum.  °C. 32.2 30.3 30.4 32.8 31.6 31.8 31.6 31.8  | Minimum.  °C. 22. 4 23. 2 22. 5 22. 8 23. 2 23. 8 23. 2 23. 8 23. 4 23. 5 23. 8   | Maximum.  °C. 27 26. 4 26. 6 27 29. 4 28. 5 31 31. 6 31. 6  | Minimum.  °C. 22.4 21.9 21.5 21.5 22.7 23.2 23.5 23.8 23.8  | Maximum.  °C. 29.6 30 29.5 29.8 30.4 30.5 30.5 30.9 30.5   | 22<br>21<br>21.<br>21.<br>22.<br>22.<br>22.<br>21.<br>21.  |
|          | Maxi-mum.  32.5 33.6 33.8 35.6 35.5 36.6 37 36.5 38.2  | Minimum.  °C. 22.5 22.4 22.2 21.8 20.9 19.5 22.4 24.5 23   | Maximum.  °C. 36.5 36.1 39 34.8 34.8 35 35.6 36.2 35.5   | Minimum.  °C. 20.5 21 21 19.3 20.2 20.7 20 20.5 21.5   | Maximum.  °C. 30.5 30.1 29.7 30.6 31 30.8 33.1 34.6? 32.7 32.8 31.5   | Minimum.  22.3 20.5 23.1 20.3 20.2 21.5 23.3 22.3 22.3 23 25 23.8   | Maximum.  °C. 32.2 30.3 30.4 32.8 31.4 31.6 31.6 31.6 31.2   | Minimum.  °C. 22. 4 23. 2 22. 5 22. 3 22. 8 23. 2 23. 8 23. 8 23. 4 23. 5   | Maxi-<br>mum.<br>°C.<br>27<br>26. 4<br>26. 6<br>27<br>29. 4<br>28. 5<br>31<br>31. 6<br>31. 6  | Minimum.  °C. 22.4 21.9 21.5 21.5 22.7 23.2 23.5 23.8 23.8  | Maximum.  °C. 29.6 30 29.5 29.8 30.4 30.4 30.5 30.5 30.9   | mu<br>22<br>21<br>21.<br>21.<br>22.<br>22.<br>21.<br>21.<br>21.<br>21.<br>2  |
|          | Maximum.  OC. 32.5 33.6 33.8 35.6 35.5 36.6 37 36.5 38.2 36.8 36.5 34.3 33.6   | Minimum.  °C. 22.5 22.4 22.2 21.8 20.9 19.5 22.4 24.5 23 23.7 22.2 21.7 20.8   | Maximum.  °C. 36.5 36.1 39 34.8 34.8 35.6 36.2 35.5 35.1 38 34.5   | Minimum.  °C. 20.5 21 19.3 20.7 20.7 20.5 21.3 22.6 18.9 19.3  | Maxi-mum.  °C. 30.5 30.1 29.7 30.6 31 34.6? 32.7 32.8 31.5 29.6 30.8  | Minimum.  °C. 22.3 20.5 23.1 22.1 20.3 20.2 21.5 23.3 22.3 23 25 23.8 23.8  | Maximum.  °C. 32. 2 30. 3 30. 4 32. 8 31. 4 31. 6 31. 6 31. 8 32 31. 2 32. 6   | Minimum.  °C. 22. 4 23. 2 22. 5 22. 3 22. 8 23. 2 23. 8 23. 4 23. 4 23. 4 23. 2   | Maximum.  °C. 27 26. 4 26. 6 27 29. 4 28. 5 31 31. 6 31. 6 31. 6 27. 8 27. 8 27. 8  | Mini-mum.  °C. 22. 4 21. 9 21. 5 21. 5 22. 7 23. 2 23. 5 23. 8 24 23 21. 5 22. 9  | Maximum.  °C. 29.6 30 29.5 29.8 30.4 30.5 30.9 30.5 31.7 31.4 30.3   | mu  22 21 21. 21. 22. 22. 21. 21. 20. 20.  |
|          | Maximum.  o.C. 32.5 33.6 33.8 35.6 35.5 36.6 37 36.5 38.2 36.8 36.5 34.3 33.6  | Minimum.  °C. 22.54 22.2 21.8 20.9 19.5 22.4 24.5 23 23.7 22.2 21.7 20.8 21.8  | Maximum.  OC. 36.536.1 39 34.8 35.635.5 35.5 35.5 35.5 36.2 36.2 36.2 36.3   | Minimum.  °C. 20.5 21 21 21 20.7 20 20.5 21.5 21.5 21.4  | Maximum.  °C. 30.5 30.1 29.7 30.6 31 30.8 33.1 34.6? 32.7 32.8 31.5 29.6 30.8   | Minimum.  °C. 22.3 20.5 23.1 22.1 20.3 20.2 21.5 23.8 22.3 22.8 23.8 23.5 23.8  | Maximum.  °C. 32.2 30.3 30.4 32.8 31.4 31.6 31.6 31.6 31.2 32.6 30 28.2  | Minimum.  °C. 22. 4 23. 2 22. 5 22. 8 23. 2 23. 8 23. 4 23. 5 23. 4 23. 2 22. 8   | Maximum.  °C. 27 26. 4 26. 6 27 29. 4 28. 5 31 31. 6 31. 6 31. 6 27. 8 27. 5 25. 9 26. 6  | Minimum.  °C. 22.4 21.9 21.5 21.5 22.7 23.2 23.5 23.8 23.8 24 23 21.5 22.9 22.1   | Maximum.  °C. 29.6 30 29.5 29.8 30.4 30.4 30.5 30.9 30.5 31.7 31.4 30.3  | mu 22 21 21. 21. 22. 22. 21. 21. 20. 20. 22.   |
|          | Maximum.  °C. 32.5 33.6 33.8 35.6 35.5 36.6 37 36.5 38.2 36.8 36.5 34.3 33.6 31.2  | Minimum.  °C. 22.5 22.4 22.2 21.8 20.9 19.5 22.4 24.5 23.7 20.8 21.7 20.8 21.8 22.5  | Maximum.  °C36.5 36.1 39.34.8 35.6.2 35.5.5 35.1 38.4.5 36.3 30.3 34.2   | Minimum.  °C. 20.5 21 19.3 20.2 20.7 20 20.5 21.3 22.6 18.9 19.3 21.4 19.7   | Maxi-<br>mum.<br>°C.<br>30.5<br>30.1<br>29.7<br>30.6<br>31.3<br>34.6?<br>32.7<br>32.8<br>31.5<br>29.6<br>30.8<br>29.5         | Minimum.  °C. 22.3 20.5 23.1 20.3 20.2 21.5 23.3 22.3 22.3 23 25 23.8 23.5 23.8 23.5  | Maximum.  °C. 32.2 30.3 30.4 32.8 31.4 31.6 31.6 31.6 31.2 31.2 32.6 30 28.2 27.8  | Minimum.  °C. 22. 4 23. 2 22. 3 22. 3 22. 8 23. 4 23. 4 23. 2 22. 8 23. 4 23. 2 21. 8   | Maximum.  °C. 27 26. 4 26. 6 27 29. 4 28. 5 31 31. 6 31. 8 27. 5 25. 9 26. 6 25   | Minimum.  °C. 22.4 21.9 21.5 22.7 23.5 23.8 23.8 24 23 22.9 22.1 20.4   | Maximum.  °C. 29.6 30 29.5 29.8 30.4 30.5 30.5 30.5 31.7 31.4 30.3 30.5 31.5   | mu 22 21 21. 21. 22. 22 21. 21. 20. 20. 22 20.   |
|          | Maxi-mum.  32.5 33.6 33.8 35.6 35.5 36.6 37 36.5 38.2 36.8 36.5 38.2 31.3 31.2 31.7  | Minimum.  °C. 22.5 22.4 22.2 21.8 20.9 19.5 22.4 24.5 23.7 22.2 21.7 20.8 21.8 22.5 21.5   | Maximum.  °C. 36.5 36.1 39.34.8 35.6 35.5 35.5 35.5 36.2 35.5 36.3 34.5 36.3 34.5 36.3   | Minimum.  °C. 20.5 21 21 29.2 20.7 20 20.5 21.5 21.5 21.6 18.9 19.7 23   | Maximum.  °C. 30.5 30.1 29.7 30.6 31 30.8 33.1 34.6? 32.7 32.8 31.5 29.6 30.8 29.5  | Minimum.  °C. 22.3 20.5 23.1 22.1.5 23.3 20.2 21.5 23.3 22.3 23.8 23.8 23.8 23.8 23.8 23.8  | Maximum.  °C. 32.2 30.3 30.4 32.8 31.4 31.8 31.6 31.6 31.2 32.6 30 28.2 27.8   | Minimum.  22.4 23.2 22.5 22.8 23.2 23.8 23.4 23.5 23 24 23.4 23.5 23 24 23.6 21.6   | Maximum.  °C. 27 26. 4 26. 6 27 29. 4 28. 5 31. 6 31. 6 31. 6 31. 27. 8 27. 5 26. 6 25. 7   | Minimum.  °C. 22.4 21.9 21.5 21.5 22.7 23.2 23.5 23.8 23.8 24 28 21.5 22.9 22.1   | Maximum.  °C. 29.6 30, 29.5 29.8 30.4 30.4 30.5 30.5 31.7 31.4 30.3 30.5 31.5  | mu 22 21 21. 21. 22. 22. 21. 21. 20. 20. 21.   |
|          | Maximum.  °C. 32.5 33.6 33.8 35.6 35.6 36.5 36.5 36.5 38.2 36.3 31.2 31.2 31.7 31.8  | Minimum.  °C. 22.5 22.4 22.2 21.8 20.9 19.5 22.4 24.5 23 23.7 22.2 21.7 20.8 21.7 20.8 21.5 21.5 22.5  | Maximum.  °C. 36.5 36.1 39 34.8 34.8 35.6 36.2 35.5 35.1 38 34.5 36.3 34.2 33.9 33.1   | Minimum.  °C. 20.5 21 19.3 20.2 20.7 20 20.5 21.3 21.3 22.6 18.9 19.3 21.4 19.7 23   | Maximum.  °C. 30.5 30.1 29.7 30.6 31.8 33.1 34.6? 32.7 32.8 31.5 29.6 30.8 29.5 27 27 27.8                                    | Minimum.  °C. 22.3 20.5 23.1 20.3 20.2 21.5 23.3 22.3 22.3 23 22.1 22.8 23.8 23.8 23.8 23.8 23.8 23.8 23.8  | Maximum.  °C. 32.2 30.3 30.4 32.8 31.4 31.8 31.6 31.6 31.8 32 22.8 22.7 8 28.7 29  | Minimum.  °C. 22.4 23.2 22.5 22.3 22.8 23.8 23.4 23.4 23.4 23.2 22.8 21.8 21.6  | Maximum.  °C. 27 26.4 26.6 27 29.4 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6  | Mini-mum.  °C. 22.4 21.9 21.5 22.7 23.2 23.5 23.8 24 23 21.5 22.9 22.9 20.4 21  | Maximum.  29.6 30 29.5 29.8 30.4 30.5 30.5 30.5 31.7 31.4 30.3 30.5 31.5 31.2  | mu  22 21 21. 21. 22. 22 21. 21. 20. 20. 21. 22 22.  |
|          | Maximum.  °C. 32.5 33.6 33.8 35.6 36.5 36.5 36.5 36.5 38.2 36.5 34.3 33.6 31.2 31.7 31.8   | Minimum.  °C. 22.5 22.4 22.2 21.8 20.9 19.5 22.4 24.5 23.7 22.2 21.7 20.8 21.5 22.1 5 22.1   | Maximum.  °C. 36.5 36.1 39 34.8 35.6 35.6 35.5 35.5 35.1 38 34.5 36 30.2 33.9 33.1   | Minimum.  °C. 20.5 21 19.3 20.2 20.7 20 20.5 21.5 21.5 21.6 18.9 19.3 21.4 19.7 23 22 22.2   | Maximum.  °C. 30.5 30.1 29.7 30.6 31 34.6? 32.7 32.8 31.5 29.6 30.8 29.5 27 27.8  | Minimum.  22.3 20.5 23.1 22.1 20.2 21.5 23.3 22.3 22.3 22.3 22.8 22.8 22.8 22.8   | Maximum.  °C. 32.2 30.3 30.4 31.8 31.6 31.6 31.8 32 31.2 32.6 30 28.2 27.8 28.7 29 32.2  | Minimum.  °C. 22. 4 23. 2 22. 5 22. 8 23. 2 23. 8 23. 4 23. 5 24 23. 2 22. 8 21. 6 21. 6 21. 4  | Maximum.  °C. 27 26. 4 26. 6 27 29. 4 28. 5 31. 6 31. 6 31. 6 31. 6 27. 8 27. 5 26. 6 25 26. 7 26. 4  | Minimum.  °C. 22. 4 21. 9 21. 5 21. 5 22. 7 23. 2 23. 5 23. 8 24. 23 21. 5 22. 9 22. 1 20. 4 21 19. 5 20. 5   | Maximum.  °C. 29.6 30.4 30.4 30.5 30.9 30.5 31.7 31.4 30.3 30.5 31.2 30.7  | mu °( 22 21 21. 21. 22. 22. 22. 22. 20. 20. 21. 22. 22. 20. 21. 22. 20. 20. 20. 20. 20. 20. 20. 20. 20   |
|          | Maximum.  °C. 32.5 33.6 33.8 35.6 36.5 36.5 38.2 36.5 38.2 31.2 31.2 31.2 31.8   | Minimum.  22.5 22.4 22.2 21.8 20.9 19.5 22.4 24.5 23.7 20.8 21.7 20.8 21.5 21.5 22.1   | Maximum.  36.5 36.5 36.1 39 34.8 35.6 35.6 35.5 35.1 38 34.5 36.2 33.9 33.1 33.9   | Minimum.  °C. 20.5 21 19.3 20.2 20.5 21.5 21.3 22.6 18.9 19.3 21.4 19.7 23 22.2 22.2 21.5  | Maximum.  °C. 30.5 80.1 29.7 30.6 31.8 33.1 34.6? 32.7 32.8 31.5 29.6 30.8 30.9 27 27.8 30.2 30.6                             | Minimum.  22. 3 20. 5 23. 1 20. 2 21. 5 23. 2 21. 5 23. 8 22. 3 22. 1 22. 8 21. 5 22. 8 21. 5 22. 8 21. 5 22. 8 21. 5 22. 8 21. 5 22. 8 21. 5 22. 8 21. 5 22. 8 21. 5 22. 8 21. 5 22. 8 21. 5 22. 8 21. 5 22. 8 21. 5 22. 8 | Maximum.  °C. 32.2 30.3 30.4 32.8 31.6 31.8 31.6 31.8 32.2 32.6 30.2 27.8 28.7 29 32.2 32.8                                      | Minimum.  °C. 22. 4 23. 2 22. 5 22. 3 22. 8 23. 8 23. 2 23. 8 23. 4 23. 5 24 23. 1 24 21. 6 21. 4 22. 1                                       | Maximum.  °C. 27. 26. 4 26. 6 27. 29. 4 28. 5 31. 6 31. 6 31. 6 27. 5 25. 9 26. 6 25. 7 26. 4 26. 7 26. 4 26. 7   | Minimum.  °C. 22. 4 21. 9 21. 5 21. 5 22. 7 23. 2 23. 5 23. 8 24 24 21. 5 22. 9 22. 1 1 20. 4 21 19. 5 20. 2 23   | Maximum.  29.6 30 29.5 29.8 30.4 30.5 30.5 30.9 30.5 31.7 31.4 30.3 31.5 31.5 31.5 31.5 30.5   | mu  o(22 21 21. 21. 22. 22 21. 21. 20. 20. 22. 20. 21. 22 20. 21. 22 20. 21.   |
|          | Maximum.  °C. 32.5 33.6 33.8 35.6 35.5 36.6 37 36.5 38.2 38.8 36.5 31.2 31.7 31.8 35.1   | Minimum.  °C. 22.5 22.4 22.2 21.8 20.9 19.5 22.4 24.5 23.7 22.2 21.7 20.8 21.8 22.5 21.5 22.1 21.4   | Maximum.  °C. 36.5 36.1 39 34.8 35.6 35.6 35.5 35.1 38.3 34.2 33.9 33.9 33.7   | Minimum.  °C. 20.5 21 19.3 20.2 20.7 20 20.5 21.5 21.5 21.4 19.7 23 22.2 21.5 22.2 20.5  | Maximum.  °C. 30.5 30.1 29.7 30.6 31 30.8 33.1 34.6? 32.8 31.5 29.6 30.8 29.5 27 27 27.8 30.2 30.6 31.1                       | Minimum.  °C. 22.3 20.5 23.1 22.1 22.1 22.3 23.2 23.5 23.8 22.8 22.8 22.8 22.8 22.8 22.0 22.0 22  | Maximum.  °C. 32.2 30.3 30.4 32.8 31.8 31.6 31.8 32.2 31.2 32.6 30.2 28.7 29 32.2 32.8 32.9                                      | Minimum.  °C. 22.4 22.5 22.5 22.8 23.2 23.4 23.5 23.4 23.1 24.4 23.1 24.6 21.6 21.6 22.8 22.8   | Maximum.  °C. 27 26.4 28.5 31 31.6 31.6 31.6 31.7 25.9 26.6 27 26.4 28.5 30.5   | Minimum.  °C. 22. 4 21. 9 21. 5 21. 5 22. 7 28. 2 28. 5 23. 8 24. 23 21. 5 22. 9 22. 1 20. 4 21 19. 5 20. 2 23 23   | Maximum.  °C. 29.6 30 29.5 29.8 30.4 30.5 30.5 30.5 31.7 31.4 30.3 30.5 31.5 31.2 30.7 30.5 30.9   | mu  o( 22 21 21. 21. 22. 22 21. 21. 20. 20. 21. 22 20. 21. 21.   |
|          | Maximum.  OC. 32.5 33.6 33.8 35.6 36.5 36.5 36.5 38.2 36.8 36.5 31.1 31.2 31.7 31.8 35.1 36.7 37.4   | Minimum.  °C. 22.5 22.4 22.2 21.8 20.9 19.5 22.4 24.5 23 23.7 20.8 21.7 20.8 21.7 20.8 21.7 21.4 21.8 22.5   | Maximum.  °C. 36.51 36.51 38.48 35.6 36.2 35.5 35.1 38.4.5 36.3 34.2 33.9 33.1 33.9 33.7                                       | Minimum.  °C. 20.5 21 19.3 20.2 20.7 20 20.5 21.3 21.4 19.7 23 22.2 22.2 22.2 21.5 20.4  | Maximum.  °C. 30.5 30.1 29.7 30.6 31.3 34.6? 32.8 31.5 29.6 30.8 29.5 27 27.8 30.2 30.6 31.1 31.8                             | Minimum.  °C. 22.3 20.5 23.1 22.1 5 23.3 22.3 22.3 22.3 22.1 22.8 22.8 22.8 22.8 22.5 22.0 1 21.2   | Maximum.  °C. 32.230.3 30.4 32.8 31.4 31.6 31.6 31.6 32.2 32.6 30.2 27.8 28.2 27.8 28.2 27.8 32.9                                | Minimum.  °C. 22.4 23.2 22.5 22.8 23.8 23.8 23.4 23.4 23.4 23.4 23.1 21.6 21.4 22.1 22.8 22.2 22.8  | Maximum.  °C. 27 26. 4 26. 6 27 29. 4 28. 5 31. 6 31. 6 31. 8 27. 5 25. 9 26. 6 27 26. 4 26 27. 5 30. 2 29. 1   | Minimum.  °C. 22. 4 21. 9 21. 5 22. 7 23. 2 23. 5 23. 8 24 23 21. 5 22. 9 22. 1 20. 4 21 19. 5 20. 2 23 23 23 23 23 23 23   | Maximum.  °C. 29.6 30 29.5 29.8 30.4 30.5 30.5 30.5 31.7 30.5 31.5 31.5 31.6 30.5  | 22<br>21<br>21.<br>21.<br>22.<br>22.<br>21.<br>20.<br>20.<br>20.<br>21.<br>22.<br>20.<br>21.<br>22.<br>21.<br>21.<br>21.<br>21.<br>21.<br>21.<br>21.<br>21   |
|          | Maxi-mum.  °C. 32.5 33.6 33.8 35.6 36.5 36.5 36.5 36.5 31.2 31.7 31.8 35.1 36 36.7 37.5  | Minimum.  OC. 22.5 22.4 22.2 21.8 20.9 19.5 22.4 24.5 23.7 20.8 21.7 20.8 21.5 22.1 21.4 21.4 22.5 22.5 21.5   | Maximum.  oC. 36.5 36.1 39 34.8 35.6 36.2 35.5 36.2 35.5 38.4 38.9 33.9 33.7 33.9 33.7   | Minimum.  °C. 20.5 21 19.3 20.2 20.7 20 20.5 21.5 21.8 22.6 18.9 19.3 21.4 19.7 23 22 20.5 21.5 21.6 21.6 21.5 21.5 22.1 21.5 21.6 | Maximum.  °C. 30.5 30.1 29.7 30.6 31.8 33.1 34.6? 32.7 32.7 32.8 31.5 29.6 29.6 30.8 29.5 27 27.8 30.2 30.6 31.1 31.8         | Minimum.  °C. 22.3 20.5 23.1 22.1 20.3 20.2 21.5 23.8 23.5 23.8 22.1 22.8 21.5 22.2 20.1  | Maximum.  OC. 32.2 30.3 30.4 32.8 31.4 31.6 31.6 31.6 31.2 31.2 32.2 32.2 32.2 32.2 32.2 32.2                                    | Minimum.  C. 423. 2 22. 5 22. 8 23. 2 23. 8 23. 4 23. 5 24 23. 2 21. 8 21. 6 21. 4 22. 1 22. 2 22. 7 24                                       | Maximum.  °C. 27 26.4 28.5 31 31.6 31.6 31.6 31.6 27.5 26.9 26.6 27 26.4 26 27.5 30.2 29.1 30.5   | Minimum.  °C. 22. 4 21. 9 21. 5 21. 5 22. 7 23. 2 23. 5 24 23 21. 5 22. 9 22. 1 19. 5 20. 2 23. 6   | Maximum.  °C. 29.6 30 29.5 29.8 30.4 30.5 30.5 30.5 31.7 30.3 30.5 31.7 30.6 31.5 31.2 30.7 30.5 30.5  | mu:  |
|          | Maximum.  o.C. 32.5 33.6 33.8 35.6 37 36.5 38.2 36.5 38.2 31.7 31.8 35.1 31.7 31.8 35.7 37.4 37.5  | Minimum.  °C. 22.5 4 22.2 21.8 20.9 19.5 4 24.5 23 23.7 20.8 21.8 22.15 22.1 21.4 21.8 22.5 22.1 21.4 21.8 22.5 22.6   | Maximum.  °C. 36.5 36.1 39 34.8 35.6 35.6 35.5 35.5 35.1 38 34.5 36 30.3 34.5 38.9 33.7 34.1 33.6                              | Minimum.  °C. 20.5 21 21 20.2 20.7 20 20.5 21.3 22.6 21.5 21.3 22.6 22.6 22.1 21.5 20.4 22.6 22.8                                  | Maximum.  °C. 30.5 30.1 29.7 30.6 31.3 34.6? 32.7 32.8 31.5 29.6 30.8 32.7 27.8 30.6 31.1 31.8 32.4                           | Minimum.  °C. 22.3 20.5 23.1 20.3 20.2 21.5 23.3 22.3 25 22.2 22.1 22.2 22.5 22.2 20.1 21.2 20.5 7  | Maximum.  °C. 32.2 30.3 30.4 831.8 31.6 31.6 31.8 32.2 32.6 300 28.2 27.8 729 232.8 32.9 33.2 833.8 32.8                         | Minimum.  22. 4 23. 2 22. 5 22. 8 23. 8 23. 4 23. 5 23. 4 23. 4 23. 4 23. 4 23. 2 22. 8 21. 6 21. 4 22. 1 22. 8 22. 2 22. 7 24                | Maximum.  °C. 27 26. 4 26. 6 27 29. 4 28. 5 31. 6 31. 6 31. 8 27. 5 25. 9 26. 6 26. 7 26. 4 26. 30. 2 29. 1 30. 5                                       | Minimum.  °C. 22. 4 21. 9 21. 5 21. 5 22. 7 23. 2 23. 8 24 23 21. 5 22. 9 22. 1 20. 4 21 19. 5 20. 2 22. 7 23. 2 24. 9  | Maximum.  °C. 29.6 30 29.5 29.8 30.4 30.5 30.5 31.7 31.4 30.3 30.5 31.5 31.5 31.5 32.5 30.9 30.6 5 32.5 31.5 31.5 32.5 31.5 31.5 31.5 31.5 31.5 31.5 31.5 31 | mu:  |
|          | Maxi-mum.  °C. 32.5 33.6 35.6 36.5 36.5 36.5 38.2 36.8 36.5 31.2 31.8 35.1 36 36.7 37.5 38 38.6  | Minimum.  °C. 22.5 22.4 22.2 21.8 20.9 19.5 22.4 24.5 23.7 20.8 21.7 20.8 21.5 21.5 22.1 21.8 22.5 21.6 22.7 21.8  | Maximum.  °C. 36.51 36.51 38.4.8 35.6 36.2 35.51 38.4.5 36.3 34.2 33.9 33.1 33.9 33.7 34.1 33.4 33.9                           | Minimum.  °C. 20.5 21 19.3 20.2 20.7 20.5 21.3 22.6 18.9 19.3 21.4 21.5 22.2 22.2 21.5 20.4 21.5 21.6 22.8 23.7                    | Maximum.  °C. 30.5 30.1 29.7 30.6 31.8 33.1 34.6? 32.8 31.5 29.6 30.8 29.5 27 27.8 30.2 30.6 31.1 31.8 32.4 32.7 32.7         | Minimum.  °C. 22. 3 20. 5 23. 1 22. 1 20. 3 20. 2 21. 5 23. 8 23. 5 23. 8 22. 1 22. 8 21. 5 22. 2 20. 1 21. 5 22. 7 22. 8   | Maximum.  °C. 32.2 30.3 30.4 31.8 31.6 31.6 31.6 31.8 32 22.7 8 28.2 27.8 28.2 23.8 32.9 33.8 32.8 33.8 33.8 33.8 33.8 33.8 33.8 | Minimum.  22. 4 23. 2 22. 5 22. 8 23. 2 23. 8 23. 4 23. 4 23. 2 24. 8 21. 6 21. 4 22. 1 22. 8 22. 2 22. 7 24 8 24. 8 24. 8                    | Maximum.  °C. 27 26.4 26.6 27 29.4 28.5 31 31.6 31.6 31.6 27.5 25.9 26.6 26 27.5 30.2 29.1 30.5 31.9  | Minimum.  °C. 22. 4 21. 9 21. 5 22. 7 23. 2 22. 9 22. 1 20. 4 21 23. 2 23. 5 23. 8 23. 8 24. 23 21. 5 22. 9 22. 1 20. 4 21 20. 4 21 20. 2 23 23 23 23. 6 24. 9 24. 4  | Maximum.  °C. 29.6 30 29.5 29.8 30.4 30.5 30.5 30.5 31.7 30.3 30.5 31.7 30.6 31.5 31.2 30.7 30.5 30.5  | mu:  |
|          | Maxi-mum.  °C. 32.5 33.6 33.8 35.6 36.6 37.6 36.5 36.8 36.5 36.5 36.5 36.5 36.7 37.4 37.5 38.6 38.6 38.6 38.6 38.6 38.6 38.6 38.6  | Minimum.  °C. 22.5 22.4 22.2 21.8 20.9 19.5 22.4 24.5 23.7 22.2 21.7 21.8 22.5 21.5 22.1 21.4 22.5 21.5 22.7 21.8  | Maximum.  °C. 36.5 36.1 39 34.8 35.6 36.2 35.5 35.6 30.3 34.2 33.9 33.9 33.7 34.1 33.6 34.1 34.4 34.1                          | Minimum.  °C. 20.5 21 19.3 20.2 20.7 20 20.5 21.5 21.5 21.6 18.9 22.6 11.9 23 22.2 21.5 21.6 22.8 23.7 23.1                        | Maximum.  °C. 30.5 30.1 29.7 30.6 31.34.6? 32.8 31.5 29.6 30.8 29.5 27 27.8 30.2 30.6 31.1 31.8 32.4 32.7 32.8                | Minimum.  °C. 22.3 20.5 23.1 22.1 20.1 20.2 21.5 23.8 22.8 22.8 22.8 22.1 22.8 22.7 22.8 22.7 22.8  | Maximum.  °C. 32.230.3 30.4 32.8 31.4 31.8 31.6 31.8 32.2 32.6 30.2 28.2 27.8 32.2 32.8 32.8 32.8 33.4 33.8                      | Minimum.  22. 4 23. 2 22. 5 22. 8 23. 8 23. 4 23. 5 23. 4 23. 4 23. 4 23. 4 23. 2 22. 8 21. 6 21. 4 22. 1 22. 8 22. 2 22. 7 24. 8 24. 4 24. 4 | Maximum.  °C. 27 26.4 28.5 31 31.6 31.6 31.6 31.6 327.8 27.8 25.9 26.6 27.5 26.4 28.5 30.9 30.9   | Minimum.  °C. 22.4 21.9 21.5 21.5 22.7 23.8 22.8 23.8 24.2 23 21.5 22.9 22.1 20.4 21 19.5 20.2 23 22.7 23.6 24.9 24.4   | Maximum.  °C. 29.6 30 29.5 29.8 30.4 30.5 30.5 31.7 31.4 30.3 30.5 31.5 31.2 30.7 30.6 31.5 31.2 30.9  | mu:  |
| 1        | Maximum.  °C. 32.5 33.6 33.8 35.6 35.5 36.8 36.5 38.2 36.8 36.5 38.2 31.7 31.8 35.1 36.7 37.4 37.5 38 38.6 32.8 38.6   | Minimum.  °C. 22.5 4 22.2 21.8 20.9 19.5 4 24.5 23 23.7 22.2 21.7 20.8 22.5 21.5 22.1 4 21.8 22.5 21.6 6 22.7 21.8 23.9 6  | Maximum.  °C. 36.51 36.51 36.48 35.6 36.2 35.51 38.45 36.2 33.9 33.1 33.9 33.1 33.9 33.1 33.1 33.1                             | Minimum.  °C. 20.5 21 19.3 20.2 20.7 20.5 21.3 22.6 18.9 19.3 22.1 23.3 22.6 20.4 21.5 20.4 21.6 22.8 23.7 23.1 23.3               | Maximum.  °C. 30.5 30.1 29.7 30.6 31.8 33.1 34.6? 32.8 31.5 29.6 30.8 29.5 27 27 27.8 30.2 30.6 31.1 31.1 32.4 32.7 32.6 32.3 | Minimum.  °C. 323 5 23. 1 22. 1 20. 3 20. 5 23. 8 23. 8 23. 5 23 22. 8 21. 5 22. 2 20. 1 21. 5 22. 2 20. 5 22. 2 20. 5 22. 2 20. 5 22. 2 20. 5 22. 4 23   | Maximum.  oC. 32.230.3 30.4 31.8 31.6 31.6 31.8 32.2 32.6 30.2 27.8 22.7 32.2 32.8 32.8 32.8 32.8 33.8 33.8 33.8                 | Minimum.  oC. 22. 4 23. 2 22. 5 22. 8 23. 8 23. 4 23. 2 24. 8 21. 8 21. 8 21. 8 21. 8 22. 2 24. 8 22. 2 24. 4 24. 2 24. 4 25. 2               | Maximum.  °C. 27 26. 4 26. 6 27 29. 4 28. 5 31. 6 31. 6 31. 8 27. 5 26. 6 25 26. 7 26. 4 26 27. 5 30. 2 29. 1 30. 5 31. 9 30. 8                         | Minimum.  °C. 22. 4 21. 9 21. 5 21. 5 22. 7 23. 2 23. 8 23. 8 24 23 21. 5 22. 9 22. 1 20. 4 21 19. 5 20. 2 23 23 22. 7 23. 6 24. 9 24. 4 24. 3  | Maximum.  °C. 29.6 30 29.5 29.8 30.4 30.5 30.5 30.5 31.7 30.5 31.5 31.5 31.5 31.5 31.5 31.5 31.5 31  | mui<br>°C<br>22<br>21<br>21<br>21<br>22<br>22<br>22<br>20<br>20<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21  |
| 1        | Maximum.  °C. 32.5 33.8 35.6 33.8 35.6 36.5 36.5 36.5 36.5 31.2 31.7 31.8 35.1 36.7 37.4 37.5 38.6 32.8 36.5   | Minimum.  °C. 22.5 22.4 22.2 21.8 20.9 19.5 22.4 5 23.7 22.2 21.7 20.8 21.5 22.1 21.4 22.5 22.1 21.4 22.7 22.8 22.6 22.7 21.8 22.6 22.7 21.8 22.6 22.7 21.8 22.6 22.7 21.8 | Maximum.  oC. 36.51 39.34.8 35.6 36.2 35.51 38.4.5 36.3 34.2 33.9 33.7 33.9 33.1 33.6 34.1 34.1 34.1 34.1 34.2 35.2 34.1       | Minimum.  °C. 20.5 21 19.3 20.2 20.7 20 20.5 21.5 21.5 21.6 21.5 22.6 18.9 21.4 21.5 22.2 21.5 22.8 22.1 22.3 22.8 23.7 23.3 22.8  | Maximum.  °C. 30.5 30.1 29.7 30.6 31.3 30.8 33.1 34.6? 32.8 31.5 29.6 27 27.8 30.2 30.6 31.1 31.8 32.4 32.7 33.3 33.3         | Minimum.  °C. 22.3 20.5 23.1 22.13 20.2 21.5 23.8 23.5 23.8 22.1 22.8 22.8 21.5 22.2 20.1 21.5 22.7 22.8 22.1 22.8 22.8 22.8 22.8 22.8 22.8   | Maximum.  °C. 32.2 30.3 30.4 32.8 31.6 31.6 31.8 32.2 32.6 32.8 32.8 33.8 33.8 33.8 33.8 33.8                                    | Minimum.  °C. 423. 2 222. 5 3 222. 8 23. 2 23. 8 23. 4 23. 5 22. 8 21. 6 21. 4 22. 1 22. 8 22. 2 22. 7 24. 8 24. 2 24. 4 25. 2 24. 8          | Maximum.  °C. 27 26.4 28.5 31 31.6 31.6 31.6 31.6 31.6 31.6 31.8 27.5 26.9 26.6 27.5 30.2 29.1 30.5 31.9 30.9 31.9 30.8                                 | Minimum.  °C. 22. 4 21. 9 21. 5 21. 5 22. 7 23. 2 23. 8 23. 8 24 23 21. 5 20. 2 23. 6 24. 9 24. | Maximum.  °C. 29.6 30 29.5 29.8 30.4 30.5 30.5 30.5 31.7 30.5 31.2 30.5 31.2 30.5 31.2 30.6 31.5 31.2 30.6 31.5 31.6 30.6  | mus  C22  21  21.  21.  22.  22.  21.  20.  20   |
| 1        | Maximum.  OC. 32.5 33.8 35.6 36.6 37 36.5 38.2 36.8 36.5 31.2 31.7 31.8 35.1 36 37.5 38.6 37.5 38.6 37.5 38.6 37.5 38.6 37.7 37.7 37.8 38.6 38.6 38.6 38.6 38.6 38.6 38.6 38 | Minimum.  °C. 22.5 22.4 22.2 21.8 20.9 19.5 22.4 24.5 23.7 20.8 21.7 20.8 21.5 21.5 22.1 21.8 22.5 21.6 22.7 21.8 22.9 22.1 21.1 21.8 22.5 21.6 22.7 21.1 21.8             | Maximum.  °C. 36.51 36.51 38.4.8 35.6 36.2 35.5.1 38.4.5 36.3 33.9 33.1 33.9 33.1 33.9 33.1 34.1 34.1 34.1 34.1 34.1 34.1 34.1 | Minimum.  oC. 20.5 21 19.3 20.2 20.7 20.5 21.5 21.8 9 19.3 22.4 21.5 22.2 22.2 21.5 22.3 22.3 22.3 22.3 22.3                       | Maximum.  °C. 30.5 30.1 29.7 30.6 31.8 33.1 34.6? 32.8 31.5 29.5 27 27.8 30.2 30.6 31.1 31.8 32.4 32.7 32.6 33.3 33.6 33.7    | Minimum.  °C. 32.3 20.5 23.1 22.1 20.3 20.2 21.5 23.8 22.3 22.1 22.8 22.8 22.2 20.1 21.5 22.2 20.1 21.5 22.7 22.8 22.4 23 32.3 22 21.3 22.3 22.3 22.3 22.3 22.  | Maximum.  oC. 32.2 30.3 30.4 31.8 31.6 31.6 31.6 31.8 32.2 32.6 30 228.2 27.8 28.7 29 32.2 33.8 32.8 33.8 33.8 33.8 33.8 33.8    | Minimum.  22.4 23.2 22.5 22.8 23.2 22.8 23.4 23.5 23 24.8 21.8 21.6 4 22.2 22.7 24.4 22.5 22.4 24.2 24.2 24.2 24.2 24.2                       | Maximum.  °C. 27 26. 4 28. 5 31 31. 6 31. 6 31. 6 31. 6 31. 6 31. 8 27. 5 25. 9 26. 6 25 26. 7 26. 4 26 30. 2 29. 1 30. 5 31. 9 30. 8 31 30. 8 31 32. 8 | Minimum.  °C. 22. 4 21. 9 21. 5 22. 7 23. 2 23. 5 22. 8 23. 8 23. 8 24 23 21. 5 22. 9 22. 1 19. 5 20. 2 23 23 23. 6 24. 9 24. 4 24 3 24. 6 24. 9 25. 2  | Maximum.  °C. 29.6 30 30.4 30.4 30.5 30.9 30.5 31.7 31.4 30.3 30.5 31.5 31.5 31.5 31.5 30.5 31.5 31.5 31.5 31.5 31.5 31.5 31.5 31  | mustander   mustan |
| 1        | Maximum.  OC. 32.5 33.6 33.8 35.6 36.5 37 36.5 38.2 36.8 36.5 34.3 31.7 31.8 35.1 36.7 37.5 38.8 36.7 37.5 38.6 32.8 36.7 37.5   | Minimum.  °C. 22.5 4 22.2 21.8 20.9 19.5 4 24.5 23 23.7 22.2 21.7 20.8 22.5 21.4 21.8 22.5 21.4 21.8 22.5 21.6 7 21.8 23.9 22.6 22.7 21.8                                  | Maximum.  °C. 36.51 39.34.8 35.6 36.2 35.5 35.1 38.34.5 36.3 34.2 33.9 33.1 34.1 34.1 34.1 34.1 34.1 35.2 34.7                 | Minimum.  °C. 20.5 21 19.3 20.2 20.7 20.5 21.3 21.6 18.9 19.3 21.4 19.7 22.2 22.2 22.1 21.5 21.6 22.8 23.7 23.3 22.3               | Maximum.  °C. 30.5 30.1 29.7 30.6 31.8 33.1 34.6? 32.7 32.8 30.5 27.27 27.8 30.6 31.1 31.1 32.4 32.4 32.4 32.3 33.6 33.3 33.6 | Minimum.  °C. 22.3 20.5 23.1 22.1.5 23.3 22.3 22.3 22.2 22.1 22.8 22.8 22.8 22.8 22.8 22.8  | Maximum.  °C. 32.2 30.3 30.4 831.6 31.6 31.6 831.2 232.6 30.2 82.7 82.8 32.8 32.8 33.8 33.8 33.8 33.8 33.8                       | Minimum.  °C. 22.4 23.2 22.5 22.8 23.8 23.4 23.4 23.4 23.2 21.6 21.4 22.8 22.8 22.2 24.8 24.2 24.8 24.2 24.8 24.2 24.8                        | Maximum.  °C. 27 26. 4 26. 6 27 29. 4 28. 5 31. 6 31. 6 31. 8 27. 5 25. 9 26. 6 27. 5 26. 4 26 30. 2 30. 5 31. 9 31. 8                                  | Minimum.  °C. 22. 4 21. 9 21. 5 21. 5 22. 7 23. 2 23. 5 23. 8 24 23 21. 5 22. 9 24. 4 24 25 20. 2 23 26 27 28. 6 24. 9 24. 4 24. 3 24. 6 24. 9  | Maximum.  °C. 29.6 30 29.5 29.8 30.4 30.5 30.5 30.5 31.7 31.4 30.3 30.5 31.5 31.5 31.5 31.5 32.5 31.9 30.9 30.9 30.9   | mustander (122   |

 $<sup>^{\</sup>rm a}$  The maximum temperatures of this station are not very reliable: they seem to be too high.  $^{\rm b}$  Received late.

# SEISMOLOGICAL BULLETIN FOR APRIL, 1918.

By Rev. MIGUEL SADERRA MASÓ, S. J., Chief, Seismic and Magnetic Divisions, Weather Bureau.

#### EARTHQUAKES FELT IN THE PHILIPPINES.1

- 2,  $5^h$   $06^m$  [2,  $13^h$   $06^m$ ]. Butuan (N Mindanao). Oscillatory earthquake, intensity II–III.
- 2, 9<sup>h</sup> 35<sup>m</sup> [2, 17<sup>h</sup> 35<sup>m</sup>]. Nueva Vizcaya (Central Luzon). Earthquake shocks of intensity III-IV.
- 4, 17<sup>h</sup> 47<sup>m</sup> 34<sup>s</sup> \* [5, 1<sup>h</sup> 47<sup>m</sup> 34<sup>s</sup>]. Baguio (W Luzon). Oscillatory earthquake of intensity II. Origin in the China Sea.
- 6, 4<sup>h</sup> 25<sup>m</sup> 49<sup>s</sup> \* [6, 12<sup>h</sup> 25<sup>m</sup> 49<sup>s</sup>]. Butuan (N Mindanao). Earthquake of intensity III. The origin of this earthquake lay in the Philippine Deep of the Pacific; it must have been lightly felt throughout the eastern part of Mindanao.
- 8, 17<sup>h</sup> 35<sup>m</sup> 53<sup>s</sup> \* [9, 1<sup>h</sup> 35<sup>m</sup> 53<sup>s</sup>]. Central Luzon. Earthquake of intensity III-IV felt in the provinces of Laguna, Rizal, Bulacan, Pampanga, Tarlac, Pangasinan, Nueva Ecija, Benguet, and Nueva Vizcaya; the shaken area measuring about 250 kilometers in the N-S direction and nearly the same amount from E to W. The epicenter was located in the Eastern Cordillera near to the parallel 16° N.
- 10, 21<sup>h</sup> 09<sup>m</sup> 50<sup>s</sup> \* [11, 5<sup>h</sup> 09<sup>m</sup> 50<sup>s</sup>]. **E Luzon**. Earthquake of intensity III, felt in the provinces of Laguna, Rizal, Bulacan, and Nueva Ecija. Originated in the Eastern Cordillera as the preceding one but further to the south.
- 14, 10<sup>h</sup> 42<sup>m</sup> [14, 18<sup>h</sup> 42<sup>m</sup>]. Cotabato (SW Mindanao). Earthquake of intensity IV-V, felt through the whole district, and originated in the eastern part of the Rio Grande Valley: it was recorded at Butuan some 190 kilometers distant to the NE.
- 15, 19<sup>h</sup> 50<sup>m</sup> [16, 3<sup>h</sup> 50<sup>m</sup>]. Surigao (NE Mindanao). Earthquake of intensity III: local origin.
- 24, 2<sup>h</sup> 16<sup>m</sup> 54<sup>s</sup> \* [24, 10<sup>h</sup> 16<sup>m</sup> 54<sup>s</sup>]. **SE Luzon**. Earthquake of intensity III–IV felt throughout the SE provinces of Luzon. The origin lay some distance in the Pacific, NE of Ambos Camarines. Slow undulations of over 10 seconds duration were observed. Recorded also by a seismograph at Butuan, N Mindanao.
- 28,  $4^h$   $45^m$  [28,  $12^h$   $45^m$ ]. Surigao (NE Mindanao). Earthquake shock of intensity II–III.
- 28, 14<sup>h</sup> 29<sup>m</sup> [28, 22<sup>h</sup> 29<sup>m</sup>]. Basco (Batanes Islands). Oscillatory earthquake of intensity III, duration 4 seconds.
- 30,  $1^h$   $25^m$  [30,  $9^h$   $25^m$ ]. Ormoc (W Leyte). Oscillatory earthquake, direction S-N, intensity III, duration 8 seconds.

¹ The intensity of earthquakes is given in the notation known as the Rossi-Forel scale. The time is that indicated by the seismographs at the Central Observatory whenever the disturbance has been registered by them. This fact is denoted by an asterisk (\*). Otherwise the time is that noted by the observer who sent the report. All time indications are in Greenwich mean time (midnight=0<sup>h</sup>), insular time being added in brackets for the convenience of Philippine readers.

# RECORDS OF THE MICROSEISMOGRAPH.

[Time: Greenwich mean. Midnight=0h. Instrument: Wiechert seismograph; 1,000 kilograms. A<sub>N</sub>: To=5.9,  $\epsilon$ =2.340,  $\frac{r}{T_{0^2}}$ =0.024; A<sub>E</sub>: To=5.3,  $\epsilon$ =1.783,  $\frac{r}{T_{0^2}}$ =0.092. Alluvium. 2.40 meters above sea level.]

|     |       | <del></del>    |   | 1                            |                      | L'0 <sup>2</sup> |                     |                        |   |
|-----|-------|----------------|---|------------------------------|----------------------|------------------|---------------------|------------------------|---|
|     |       |                |   |                              |                      |                  | Amp                 | litude.                |   |
| No. | Date. | Character.     | Phase.  | Hour                         | •                    | Period.          | A <sub>N</sub><br>μ | $A_{\mathbf{E}}$ $\mu$ | Remarks.  |
| 130 | 1     | Ir             | eP<br>L<br>F  | h. m.<br>10 10<br>18<br>29   | 22<br>19             |                  |                     |                        |   |
| 131 | 3     | I⋆             | $\begin{array}{c}\mathbf{eP}\\\mathbf{L}\\\mathbf{M_E}\\\mathbf{F}\end{array}$          | 3 09<br>09<br>09<br>13       | 20<br>35<br>\$8      | 3                |                     | 75                     |   |
| 132 | 4     | Ιv             | eP<br>L<br>M <sub>N</sub><br>F  | 17 47<br>47<br>48<br>54      | 34<br>57<br>06       | 3                | 35                  |                        | Baguio (W Luzon).   |
| 133 | 5     | Ιν             | eP<br>F   | 10 28<br>32                  | 51                   |                  |                     |                        |   |
| 134 | 6     | I              | eP<br>F   | 4 25<br>40                   | 49                   |                  |                     |                        | Butuan (N Mindanao).  |
| 135 | 6     | Iv.            | eP<br>F   | 19 41<br>44                  | 32                   |                  |                     |                        |   |
| 136 | 7     | IIv            | eP<br>L<br>M <sub>N</sub><br>F  | 13 29<br>29<br>29<br>48      | 38<br>50             | 3                | 341                 |                        |   |
| 137 | 8     | IIIa           | eP<br>L   | 17 35<br>36                  |                      |                  |                     |                        | Central Luzon. Maxima and end in both components lost by the force of the shocks. |
| 138 | 10    | IIr            | eP<br>S<br>L<br>M <sub>E</sub><br>M <sub>N</sub><br>F                                   | 2 09<br>13<br>14<br>15<br>15 | 38<br>57<br>38       | 6 6              | 250                 | 333                    |   |
| 139 | 10    | IIIa           | $\begin{array}{c} \mathbf{e^P} \\ \mathbf{L} \\ \mathbf{M_N} \\ \mathbf{F} \end{array}$ | 21 09<br>09<br>10<br>16      | 59                   | 3                | 1, 515              |                        | E Luzon.  |
| 140 | 11    | Ιv             | eP<br>L<br>M <sub>E</sub><br>F  | 18 48<br>48                  | 30<br>32             | 2                |                     | 160                    |   |
| 141 | 12    | Ιv             | eP<br>F   | 10 43<br>45                  | 37                   |                  |                     |                        |   |
| 142 | 12    | Ι <sub>ν</sub> | $\begin{array}{c} \mathbf{eP} \\ \mathbf{L} \\ \mathbf{M_N} \\ \mathbf{F} \end{array}$  | 16 26<br>27<br>27<br>30      | 43<br>06             | 2                | 84                  |                        |   |
| 143 | 13    | Ir             | e<br>F  | 0 59<br>1 53                 | 16                   |                  |                     |                        |   |
| 144 | 13    | Iv             | $\begin{array}{c} \mathbf{eP} \\ \mathbf{L} \\ \mathbf{M_E} \\ \mathbf{F} \end{array}$  | 18 22<br>23                  | 06<br>08             | 2                |                     | 56                     |   |
| 145 | 13    | Ιν             | eP<br>F   | 19 57<br>20 00               | 24                   |                  |                     |                        |   |
| 146 | 14    | Iv             | eP<br>L<br>M <sub>E</sub><br>M <sub>N</sub><br>F  | 7 05<br>05<br>05             | 03<br>33<br>41<br>50 | 3 3              | 37                  | 35                     |   |
| 147 | 14    | Ιv             | eP<br>F   | 8 32<br>35                   |                      |                  |                     |                        |   |
| 148 | 15    | Ιν             | eP<br>F   | 18 31<br>34                  | 09                   |                  |                     |                        |   |
| 149 | 15    | Ιv             | e<br>F  | 18 55<br>19 11               |                      |                  |                     |                        |   |

# SEISMOLOGICAL BULLETIN.

# Records of the microseismograph—Continued.

| . 1 |          | -          |  | The state of the s |         | Ampl                | itude.              |  |
|-----|----------|------------|--|--|---------|---------------------|---------------------|--|
| No. | Date.    | Character. | Phase.                                     | Hour.  | Period. | A <sub>N</sub><br>μ | A <sub>E</sub><br>μ | Remarks.   |
| 150 | 18       | Ir         | eP<br>F                                    | h. m. s<br>20 06 2<br>32   | ö       |                     |                     |  |
| 151 | 21<br>22 | Iu         | e<br>M <sub>N</sub><br>M <sub>E</sub><br>F | 22 51 4<br>23 26 3<br>26 3<br>0 31   | 2 26    | 5                   | 4                   | California.  |
| 152 | 23       | Ir         | eP<br>S<br>L<br>M <sub>N</sub><br>F        | 15 31 2<br>34 0<br>34 5<br>35 2<br>16 10   | 0       | 12                  |                     |  |
| 153 | 24       | IIv        | eP<br>L                                    | 2 16 5<br>17 3   | 4       |                     |                     | SE Luzon. Maxima and end in both components lost by the force of the shocks. |
| 154 | 24       | I₩         | eP<br>L<br><b>M</b> <sub>N</sub><br>F      | 20 36 2<br>36 3<br>36 3<br>41  | 7       | 76                  |                     |  |
| 185 | 25       | Ιv         | eP<br>F                                    | 16 32 1<br>35  | 1       |                     |                     |  |
| 156 | 25       | I          | eP<br>F                                    | 22 50 2<br>23 12   | 7       |                     |                     |  |
| 157 | 26       | I          | eP<br>F                                    | 13 17 3<br>53  | 3       |                     |                     |  |
| 158 | 27       | Iv         | eP<br>F                                    | 3 19 2<br>22   | )       |                     |                     |  |
| 159 | 30       | Iv         | eP<br>F                                    | 7 14 4<br>20   |         |                     |                     |  |

158294—€

# TEMBLORES DE TIERRA SENTIDOS EN FILIPINAS.1

- 2, 5<sup>h</sup> 06<sup>m</sup> [2, 13<sup>h</sup> 06<sup>m</sup>]. Butúan (N de Mindanao). Temblor oscilatorio, intensidad II-III.
- 2, 9<sup>h</sup> 35<sup>m</sup> [2, 17<sup>h</sup> 35<sup>m</sup>]. Nueva Vizcaya (Centro de Luzón). Temblor de tierra de intensidad III-IV.
- 4, 17<sup>h</sup> 47<sup>m</sup> 34<sup>\*</sup> \* [5, 1<sup>h</sup> 47<sup>m</sup> 34<sup>\*</sup>]. Baguio (W de Luzón). Temblor de tierra de intensidad II. El origen se hallaba en el Mar de la China.
- 6, 4<sup>h</sup> 25<sup>m</sup> 49<sup>s</sup> \* [6, 12<sup>h</sup> 25<sup>m</sup> 49<sup>s</sup>]. Butúan (N de Mindanao). Temblor de tierra de intensidad III. El origen de este temblor estaba en el Abismo de Filipinas en el Pacífico; debió sentirse débilmente en toda la parte más oriental de Mindanao.
- 8, 17<sup>h</sup> 35<sup>m</sup> 53<sup>s</sup> \* [9, 1<sup>h</sup> 35<sup>m</sup> 53<sup>s</sup>]. Centro de Luzón. Temblor de tierra de intensidad III-IV, sentido en toda la parte central de Luzón comprendida por las Provincias de Laguna, Rizal, Bulacán, Pampanga, Tárlac, Nueva Écija, Pangasinán, Benguet y Nueva Vizcaya; en una extensión de 250 kilómetros de N a S y otros tantos de E-W. El origen se hallaba en la Cordillera Oriental cerca del paralelo 16° N.
- 10, 21<sup>h</sup> 09<sup>m</sup> 50<sup>s</sup> \* [11, 5<sup>h</sup> 09<sup>m</sup> 50<sup>s</sup>]. **E** de Luzón. Temblor de tierra de intensidad III, sentido en las Provincias de Nueva Écija, Bulacán, Rizal y Laguna. Su origen debe colocarse también en la Cordillera Oriental pero mucho más al S que el precedente.
- 14, 10<sup>h</sup> 42<sup>m</sup> [14, 18<sup>h</sup> 42<sup>m</sup>]. Cotabato (SW de Mindanao). Temblor de tierra de intensidad IV-V sentido en todo el distrito y originado en la parte oriental del valle del Río Grande; registrado en Butúan 190 kilómetros distante al NE
- 15, 19<sup>h</sup> 50<sup>m</sup> [16, 3<sup>h</sup> 50<sup>m</sup>]. Surigao. (NE de Mindanao). Temblor de tierra de intensidad III; origen local.
- 24, 2<sup>h</sup> 16<sup>m</sup> 54<sup>s</sup> \* [24, 10<sup>h</sup> 16<sup>m</sup> 54<sup>s</sup>]. **SE** de Luzón. Temblor de tierra de intensidad III–IV sentido en todas las provincias del SE de Luzón. Su origen se hallaba algo distante en el Pacífico, al NE de Camarines. Los movimientos ondulatorios observados eran lentos y duraron más de 10 segundos; fué también registrado en Butúan.
- 28, 4<sup>h</sup> 45<sup>m</sup> [28, 12<sup>h</sup> 45<sup>m</sup>]. Surigao (NE de Mindanao). Temblor de tierra de intensidad II-III.
- 28, 14<sup>h</sup> 29<sup>m</sup> [28, 22<sup>h</sup> 29<sup>m</sup>]. Basco (Islas Batanes). Temblor oscilatorio de intensidad III, duración 4 segundos.
- 30, 1<sup>h</sup> 25<sup>m</sup> [30, 9<sup>h</sup> 25<sup>m</sup>]. Ormoc (W de Leyte). Temblor oscilatorio, dirección S-N, intensidad III, duración 8 segundos.

La intensidad de los terremotos se indica conforme a la conocida escala de Rossi-Forel. Cuanto a la hora de su ocurrencia, adoptamos la indicada por los sismógrafos de este Observatorio siempre que los hayan registrado, distinguiéndola por medio de un asterisco (\*). En caso contrario copiamos la apuntada por los observadores que nos envían las notas. Todas las indicaciones del tiempo se refieren al tiempo medio de Greenwich (medianoche=0<sup>h</sup>). Para conveniencia de los lectores de Filipinas se añade también el tiempo insular.

# THE GOVERNMENT OF THE PHILIPPINE ISLANDS

# WEATHER BUREAU

MANILA CENTRAL OBSERVATORY

BULLETIN FOR MAY, 1918

PREPARED UNDER THE DIRECTION OF REV. JOSÉ ALGUÉ, S. J. DIRECTOR OF THE WEATHER BUREAU

MANILA BUREAU OF PRINTING 1918

| [발발하다] 모르크 왕인 (1) 11 kg 25*   |   |   |                |                                |                           |
|---|---|---|----------------|--------------------------------|---------------------------|
|   |   |   |                |                                |                           |
|   | 그러워 함께 하는 네트리아 다  |   |                |                                | 그리 하는 동생들이 하면서 뭐 되었다.     |
|   |   |   |                |                                |                           |
|   | 지하는데 그렇게 되는 생기가   | 는 그렇지만 하는 것이라고 있다.  |                |                                |                           |
| 이 <b>있</b> 는 것 같아 모습니다. 이 이 이 이 이 이 이다.<br>일 사람들 보았다면 하는 것 같아 하는 것이다. |   | 가 있는 것 같은데 그 이 이 이 사람들이 이 그 생각이다.<br>생물들이 어느로 살아 먹는데 살 것 같은 사람들이 다니다. |                |                                |                           |
|   | 회사의 보이 아이들까지 그는 그가.   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   | 함다. 이 그는 아들들, 젖 밤짓다 밖   |                |                                |                           |
|   | 기계가 중하다 하고 모양을 다시   |   |                |                                |                           |
|   |   |   |                |                                |                           |
| 불통 경우 하는 그들이 그 나는   |   |   |                |                                |                           |
|   |   | 그는 나는 나를 가는 사용하다는 것.  |                |                                |                           |
| 발생됐다면요. 나는 경기 난   | 물통하다 보다는 이 보통화하   | 경기 열 보다 하게 살리하고 됐습니다.   |                |                                |                           |
|   |   | 기가 되어 있지만 된 유명적이다   |                |                                | 보다 하는 것이는 그 경험을 바꿨다.      |
|   | 보고 함께 싫었는 취득을 내가요?  |   |                |                                | 공기 한 마음에 먹으면 가장 하면서 보다라.  |
|   | 나라를 바이었는 다양 생각도 하면  |   |                |                                |                           |
|   | 중에 마이트를 잃는 하고 있어요? 그렇다  | 이 이 사용된 모양하고 있다   |                |                                |                           |
| 크리 살이 아르는 생물까지?   |   | 이 이동 사용한 경기를 취하는  |                |                                |                           |
|   |   | 보는 그리고 있다면서 얼마를 하지 않다니?   |                |                                |                           |
|   | 취임하다 무료가 가능하다 하고 있어?  |   |                |                                |                           |
| 얼마를 하는 사람들이 되었다.  | 그렇게 가장 하는 사람들을 다시 하는  |   |                | 지 말 사이 되지 않다.<br>'존경 경기에 대폭했다. | 강경하다는 교사는 경우 교회사장이다       |
|   | 경영 경향 경기 기업을 하십시 전 경험 및 경기 및 기업 및<br>공연 공연 보다 기업 없는 공급 및 기업 경향 기업 기업 및  | 음식 하고 하셨습니다. 강화하실 분호사   |                |                                |                           |
|   | 그 하시네. 그렇게 늦을래요요 그를   | 그 그 씨는 얼굴한 그리 하다 하시는  |                |                                |                           |
|   | 이 일본 생기를 하셨다는데, 어디다.  |   |                |                                | 이번 취실하다 시민 내가 다시를 들었다.    |
|   | 한 싫으면하다니다. 이글라지다  |   |                |                                | 공하는 말로 발생하게 살았다.          |
|   | 교이 그림이 많아 들어 되었다고 있는 이 경기를 보았다.<br>이번 1. 사용 4. 사용 이 경기를 통해 가는 기를 받았다.   |   |                |                                |                           |
| 집에 마다가 살고 있다면서 가게 되었  |   | [날아로] 아랫밤님이번 보이야는하다.  |                |                                | 공통 프로젝트를 취임하는 경험이다.       |
| 그리아 얼마를 보다 하셨다.   | 즐겁을 내려왔다고 살아 뭐라지요? 네다   | 생명 그는 이미를 지어 얼마 얼마다니다   |                |                                | [일양 조미리 [발일조는 레디슈토] [1] [ |
|   |   |   |                |                                | 지하는 경험이 하나와 지방이           |
| 경기 가입하는 것으로 하는데 시간 기계를 받는다.<br>그런 남자들이 그렇게 되었다. 하는데 1. 기계들은           | 분하이보는 나라 14회의의 전기 되어  | 후 이상으로 존속하셨다면서  |                |                                |                           |
|   | 물업 그리는 하늘 문화 학교를 받는다고 있다.   | 본 음식으로 이동병 열등은  |                |                                |                           |
|   | (14일) 12 (14일) 12 (14일) 12 (14일) 12 (14일) 12 (14일) 12 (14일) 12 (14일) 12 (14일) 12 (14일) 12 (14일) 12 (14일) 12 (14 |   |                |                                |                           |
|   |   | 그리는 살길 시간 방법하는 말은   |                |                                |                           |
| [12] [12] [12] [12] [12] [12] [12] [12]                               | 그리 깨끗 이 과고를 지근하게 되었습니?  | 이 교에 그는 화학을 하는데 유명된   | 요하네요하는 하는 회사들이 |                                |                           |
|   |   |   |                |                                |                           |
|   | <u> </u>  |   |                |                                |                           |
|   |   | (2011년 - 1일 전 12 12 12 12 12 12 12 12 12 12 12 12 12                  |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |
|   |   |   |                |                                |                           |

# METEOROLOGICAL BULLETIN FOR MAY, 1918.

By Rev. Jose Coronas, S. J.,
Chief, Meteorological Division of the Weather Bureau.

#### GENERAL WEATHER NOTES.

Pressure and temperature.—The mean atmospheric pressure for this month in the Philippines is slightly below that of the preceding year, and generally also below the normal for May. The highest pressures were generally observed on the 14th, and the lowest on the 8th.

The mean monthly temperature is somewhat higher than that of May, 1917, and than the normal for this month, in Luzon, while it is slightly lower in the majority of the stations of the Visayas and Mindanao. The monthly maximum and minimum temperatures for Manila, were  $35.4^{\circ}$  C. on the 19th and  $20.6^{\circ}$  C. on the 1st. In Baguio the extreme monthly temperatures were  $26.1^{\circ}$  C.,  $13.9^{\circ}$  C. on the top of Mirador, and  $26.4^{\circ}$  C.,  $13.2^{\circ}$  C. in the valley.

PRESSURE AND TEMPERATURE AT THE FIRST AND SECOND CLASS STATIONS FOR MAY, 1918.

|   |  |                           | 1                                       | Pressure   |   |  |  |  |  | Te   | mperat   | ure.  |   |   |
|---|--|---------------------------|---|--|---|--|--|--|--|--|--|---|---|---|
| Station.  | Mean.  | Departure from May, 1917. | Departure from normal.                  | High-<br>est<br>mean.  | Day.  | Lowest<br>mean.  | Day.   | Mean.  | Departure from May, 1917.  | Departure from normal.                                 | High-<br>est.  | Day.  | Low-<br>est.  | Day.  |
| Zamboanga Tagbilaran Surigao Cebu Iloilo Tacloban Capiz Calbayog Legaspi Atimonan Ambulong, Tanauan Paracale Manila San Isidro Dagupan Baguio a Vigan Tuguegarao Laoag Aparri | 57. 90<br>58. 09<br>58. 23<br>57. 89<br>58. 25<br>58. 08<br>58. 34<br>58. 39<br>57. 67<br>58. 50<br>58. 17<br>58. 37<br>57. 43<br>636. 53<br>757. 69 | mm                        | mm0.29320.41821341212131217103601370102 | mm.<br>759. 74<br>59. 34<br>58. 99<br>59. 29<br>59. 29<br>59. 29<br>59. 79<br>59. 85<br>59. 04<br>60<br>59. 42<br>59. 75<br>637. 56<br>637. 56<br>637. 56<br>637. 56<br>60. 19 | 27<br>30<br>14<br>14<br>27<br>14<br>14<br>14<br>14<br>15<br>14<br>15<br>14<br>4<br>5<br>4, 14 | mm. 756. 93 56. 62 56. 65 57. 01 56. 76 57. 01 56. 76 57. 08 57. 16 56. 92 56. 33 56. 33 56. 17 56. 84 56 756. 84 56 756. 84 | 88<br>88<br>177<br>178<br>89<br>88<br>24<br>88<br>88<br>88<br>88<br>25<br>25 | °C. 26. 1 26. 7 26. 4 28. 1 27. 9 26. 9 28. 1 26 28. 2 27. 9 28. 7 27. 5 28. 1 28. 5 28. 9 18. 9 29. 2 29. 1 28. 2 | °C0.226 +.2 +.75 +16 +.3 +.5 +1.3 +.2 +.2 +.8 +.5 +.13 +.13 +.13 | -0.9 -0.9 -0.6 0 -0.8 +.18 +.1333 +.1 +.4 +.1 +.5 +.67 | °C. 32. 4 32. 8 33. 1 32. 8 33. 4 34. 7 34. 1 33. 4 34. 8 34. 7 37. 2 34. 6 35. 4 36. 1 35. 2 40. 1 38. 8 36. 4? | 16<br>6<br>29<br>22, 23, 31<br>311<br>311<br>26<br>20<br>24<br>28, 29<br>7<br>7<br>6<br>19<br>9<br>9<br>6<br>28<br>28<br>11<br>11<br>14<br>14<br>15<br>15<br>15<br>15<br>16<br>16<br>17<br>18<br>18<br>18<br>18<br>18<br>18<br>18<br>18<br>18<br>18<br>18<br>18<br>18 | °C. 22. 2 21. 4 21. 9 23. 2 22. 2 21. 7 20. 7 20. 2 22. 8 22. 5 20. 6 19. 4 22. 4 20. 8 21. 3 | 16<br>21<br>24<br>2<br>2<br>23, 24<br>23<br>23<br>22<br>22<br>22, 23<br>1<br>1<br>1<br>1<br>5, 17, 29 |

a The barometric readings of this station are not reduced to sea level.

Rainfall.—The total rainfall of this month was almost without exception smaller than the May's normal in Luzon and the Visayas; but it was generally above the normal in Mindanao. The monthly rainfalls for Manila and Baguio are respectively 21.6 mm. and 197.0 mm. below the normal of this month.

RAINFALL AT VARIOUS STATIONS OF THE WEATHER BUREAU DURING THE MONTH OF MAY, 1918.

| Station.  | Total.   | Departure from<br>May, 1917.  | Departure from normal.  | Days of rain.   | Departure from<br>May, 1917.  | Greatest rainfall<br>in a single day.   | <b>Day.</b>  | Station.   | Total.   | Departure from<br>May, 1917.  | Departure from normal.   | Days of rain.  | Departure from<br>May, 1917.  | Greatestrainfall<br>in a single day.   | Day.  |
|---|--|---|---|---|---|---|--|--|--|---|--|--|---|--|---|
| Jolo Isabela, Basilan Zamboanga Davao Cotabato Cagayan, Misamis Dapitan Butuan Mambajao Dumaguete Yap, Western Carolines Tagbilaran Iwahig Surigao Maasin Cebu Iloilo San Jose Buenavista Cuyo Ormoc Guiuan Capiz Borongan Catbalogan Calbayog Masbate Romblon Batag Sorsogon Legaspi | 190. 8 84. 8 84. 8 358. 8 149. 7 62. 8 212. 8 110. 5 201. 1 93. 5 128 48. 2 98 60. 7 226 101 156. 6 267. 3 104. 1 111. 4 78. 1 110. 4 110. 4 | -116. 9 - 76. 7 - 72. 4 +154 -132. 4 -132. 4 -217. 6 - 88. 8 -217. 6 - 88. 8 -147. 1 + 8. 9 - 72. 1 - 61. 8 + 15. 7 + 15. 7 - 98. 4 + 15. 7 - 88. 8 - 88. 8 - 88. 8 - 88. 8 - 88. 8 - 88. 8 - 88. 8 | + 51.8<br>+ 5.6<br>+ 121.1<br>- 70.2<br>+ 98.2<br>+ 38.4<br>- 195.1<br>- 50<br>- 86.7<br>- 1.8<br>- 101.9<br>+ 51.2<br>- 66.1<br>- 30.9<br>- 51.3<br>- 49.8<br>- 65.9<br>- 66.7<br>- 49.7 | 211<br>15<br>18<br>18<br>13<br>17<br>19<br>5<br>11<br>23<br>12<br>13<br>14<br>3<br>8<br>11<br>12<br>19<br>15<br>18<br>5<br>10<br>11<br>19<br>15<br>11<br>19<br>15<br>11<br>11<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19 | - 5 4 + 4 + 4 + 7 - 7 - 2 + 4 + 1 + 3 - 7 - 7 - 2 - 7 - 3 - 7 7 - 1 + 2 - 7 7 - 1 + 2 - 7 7 - 1 + 1 1 - 8 5 + 5 | mm. 26. 7 53. 6 18. 6 75. 7 30 9. 9 36. 8 45. 7 50. 8 63. 2 21. 1 31. 7 87. 41. 4 37. 6 13. 2 57. 9 17. 8 17. 8 42. 3 7. 6 26. 4 62. 2 8. 2 | 8<br>30<br>20<br>25<br>12<br>11<br>11<br>12<br>11<br>12<br>20<br>23<br>30<br>10<br>16<br>8<br>8<br>13<br>13<br>11<br>28<br>18<br>7 | Sumay, Guam Calapan Virac Naga Tigaon Batangas Lucena Atimonan Ambulong, Tanauan Canlubang, Calamba Paracale Santa Cruz, Laguna Manila Antipolo Iba San Isidro Tarlac Baler Dagupan Bolinao Baguio San Fernando, Union Echagüe Candon Vigan Tuguegarao Laoag Aparri Cape Bojeador Santo Domingo, Batanes | 240.8<br>146.1<br>61.3<br>61.9<br>56.4<br>73.6<br>84.9<br>105.3<br>104.8<br>82.3<br>4<br>103.8<br>86.5<br>116.5<br>114.6<br>51.9<br>113.2<br>210.2<br>121.1<br>96.2<br>100.2<br>68.8 | $\begin{array}{c} -13.4 \\ -15.2 \\ -15.2 \\ -15.2 \\ -15.2 \\ -15.2 \\ -15.2 \\ -15.2 \\ -15.2 \\ -15.2 \\ -123.5$ | + 70. 7<br>- 2. 8<br>- 59. 8<br>- 44<br>- 74. 4<br>- 74. 4<br>- 21. 6<br>- 21. 6<br>- 147. 3<br>- 70. 1<br>- 197<br>- 62. 1<br>- 197<br>- 71. 3<br>- 70. 3<br>- 81. 3<br>- 82. 4<br>- 81. 3<br>- 38. 3<br>- 38. 3<br>- 20. 9<br>- 22. 4<br>- 134. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3<br>- 38. 3 | 13<br>19<br>5<br>12<br>2<br>10<br>13<br>18<br>18<br>11<br>13<br>10<br>14<br>6<br>7<br>7<br>9<br>8<br>11<br>13<br>10<br>14<br>6<br>7<br>9<br>8<br>8<br>11<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10 | $\begin{array}{c} -1 \\ -12 \\ -2 \\ -2 \\ -6 \\ -7 \\ +3 \\ -2 \\ 0 \\ 0 \\ -7 \\ -2 \\ -13 \\ -5 \\ -8 \end{array}$ | mm. 40.6 59.7 54.6 17.3 23.1 31.8 21.1 31.5 42.2 43.4 46.5 29.2 28.7 41.4 42.7 94 64.8 24.6 80 43.2 28.6 9.1 | 13<br>13<br>26<br>13<br>30<br>18<br>17<br>10<br>9<br>7<br>13<br>27<br>9<br>28 |

#### DEPRESSIONS AND TYPHOONS.

Only one really developed typhoon could be noticed in our weather maps during this month. It appeared to the SW of the Bonins in the afternoon of the 24th and passed very close to the N of those Islands, on the 25th, moving northeastward.

Another depression or typhoon was shown on our weather maps of the 23rd and 24th to the NE of Luzon and S of the Loochoos. It moved northeastward or northward and seems to have filled up on the 24th S of the Loochoos.

A third atmospheric disturbance made its appearance in the neighbourhood of Formosa in the early morning of the 9th. It moved northeastward across the Eastern Sea on the 9th, and across the Sea of Japan on the 10th.

The tracks of all these depressions and typhoons will be published in the next bulletin together with the depressions and typhoons for June.

#### NOTAS GENERALES DEL TIEMPO.

Presión y temperatura.—La presión atmosférica media de este mes en Filipinas es ligeramente menor que la del año pasado, y generalmente menor también que la normal de mayo. Las presiones más altas del mes se observaron generalmente el día 14, y las más bajas el día 8.

La temperatura media mensual es algo mayor que la de mayo de 1917 y que la normal de este mes en Luzón, al paso que es ligeramente menor en la mayor parte de nuestras estaciones de Visayas y Mindanao. Las temperaturas máxima y mínima del mes en Manila fueron 35.4° C. y 20.6° C. observadas los días 19 y 1, respectivamente. En Baguio las temperaturas extremas del mes fueron 26.1° C., 13.9° C. en la cumbre del Mirador, y 26.4° C., 13.2° C. en el valle.

Precipitación acuosa.—La cantidad total de lluvia de este mes ha sido, casi sin excepción, menor que la normal de mayo en Luzón y Visayas; pero fué generalmente mayor que la normal en Mindanao. Las lluvias totales del mes en Manila y en Baguio difieren de la normal en -21.6 mm. y -197.0 mm., respectivamente.

#### DEPRESIONES Y TIFONES.

Durante este mes no se echó de ver en nuestros mapas del tiempo más que un solo verdadero tifón bien desarrollado. Apareció al SW de Bonins la tarde del 24, y pasó muy cerca por el N de dichas Islas el 25, moviéndose al NE.

Otra depresión o tifón se notó en nuestros mapas del tiempo del 23 y 24 al NE de Luzón y S de Loochoos. Se movió hacia el NE o N, y parece haberse deshecho el 24 al S de Loochoos.

Una tercera perturbación atmosférica apareció en las cercanías de Formosa la madrugada del 9, moviéndose al NE a través del Mar del Este el 9, y a través del Mar del Japón el 10.

Las trayectorias de todas estas depresiones y tifones se publicarán en el siguiente boletín juntamente con las depresiones y tifones de junio.

#### METEOROLOGICAL DATA FOR MANILA CENTRAL OBSERVATORY.

[ $\phi$ =14° 34′ 41″ N;  $\lambda$ =120° 58′ 83″ E; barometer above sea, 14.2 meters; gravity correction not applied, -1.72 mm.]

|                                 |  | Air to  | emperat  | ure.b  |   | Und   | ergroui  | nd temp  | erature  | •   | <u> </u>   | Ī.   | Rad  | liation.   | Evapo  | ration. b                              |
|---------------------------------|--|---|--|--|---|---|--|--|--|---|--|--|--|--|--|--|
| Day.                            | Pressure (mean).   | Mean.   | Maxi-<br>mum.  | Mini-<br>mum.  | 0.25 n  |   | 0.50 r<br>8 a.m.   | neter.   | 1.50<br>meters.<br>8 a. m.   | 2.50<br>meters.<br>8 a. m.  | Rela-<br>tive<br>humid<br>ity<br>(mean)  | (mean  | Mini-<br>mum   | Maxi-<br>mum<br>in sun.<br>Black<br>bulb in  | Free exposure (to-tal).  | Shelter (total).                       |
| 1                               | mm. 758.82 58.21 58.62 59.08 59.28 58.39 57.72 56.77 56.88 | °C.<br>27.5<br>27.6<br>27.2<br>28.5<br>28.3<br>28.4<br>27.8<br>28.7<br>28.2   | °C.<br>34.3<br>33.7<br>33.4<br>35.2<br>34.9<br>35<br>35<br>35.2  | °C.<br>20.6<br>22.3<br>22.1<br>22.5<br>22.7<br>22.9<br>21.5<br>22.8<br>23.8  | °C.<br>28.5<br>28.8<br>28.6<br>28.5<br>28.9<br>29.2<br>29.3<br>29.5   | °C.<br>30.5<br>30.8<br>29.5<br>30.3<br>30.8<br>30.5<br>30.9<br>31.3   | °C.<br>29.5<br>29.4<br>29.4<br>29.1<br>29.3<br>29.5<br>29.7<br>29.8  | °C.<br>29.6<br>29.9<br>29.4<br>29.6<br>29.7<br>29.8<br>30.1<br>30.3  | °C.<br>28. 5<br>28. 5<br>28. 7<br>28. 6<br>28. 6<br>28. 6<br>28. 5<br>28. 6  | °C.<br>27.5<br>27.5<br>27.5<br>27.5<br>27.6<br>27.6<br>27.6<br>27.6 | Per ct 66 69.5 70.7 68.1 68.6 65.6 71.2 70.5 77.6  | 17. 18. 18. 19. 19. 18. 19. 19. 19. 20.  | 8   19.9<br>7   19.7<br>2   20.2<br>2   20.5<br>3   20.4<br>4   19<br>1   20.5   | °C.<br>55. 2<br>50<br>56. 5<br>54. 8<br>57<br>56. 2<br>56. 2<br>55. 5  | mm.<br>6.8<br>7<br>5.2<br>7.9<br>7.5<br>7<br>5.7<br>6.4<br>4.6 | mm. 5.3 4.9 3.6 5.5 5.3 5.1 4 4.6 3.1  |
| 10                              |  | 27. 6<br>28. 5<br>26. 8<br>28. 4<br>27. 8<br>28. 2<br>28. 2<br>28. 4<br>27. 7<br>28. 9<br>28. 2<br>28. 6<br>28. 6<br>28. 6<br>28. 2<br>28. 6<br>28. 2 | 34. 3<br>34. 4<br>32. 3<br>31. 4<br>34. 6<br>34. 2<br>34. 2<br>34. 2<br>34. 2<br>34. 3<br>35. 1<br>35. 1<br>34. 6<br>32. 3<br>32. 3<br>33. 7<br>33. 2<br>33. 3<br>33. 3<br>33. 3 | 24. 1<br>23. 4<br>22. 5<br>25. 2<br>22. 7<br>23. 1<br>21. 7<br>23. 8<br>23. 1<br>23. 2<br>21. 9<br>23<br>25. 2<br>24<br>24. 3<br>25. 4<br>24. 3  | 29. 8<br>29. 7<br>29. 2<br>28. 5<br>28. 7<br>28. 8<br>28. 9<br>29. 5<br>29. 5<br>29. 5<br>30. 5<br>30. 5<br>30. 5<br>30. 5<br>30. 5 | 31. 5<br>30. 9<br>29. 9<br>29. 9<br>30. 3<br>30. 1<br>30. 6<br>30. 9<br>31<br>31. 4<br>31. 2<br>31. 5<br>31. 6<br>32. 4<br>32. 2<br>32. 5<br>31. 6<br>31. 5<br>31. 6<br>31. 5 | 29. 9<br>30. 1<br>29. 9<br>29. 7<br>29. 5<br>29. 5<br>29. 8<br>29. 9<br>29. 9<br>30. 2<br>30. 5<br>30. 8<br>31. 1<br>30. 9<br>30. 9  | 30. 4<br>30. 3<br>30<br>29. 8<br>29. 9<br>30. 3<br>30. 1<br>30. 3<br>30. 4<br>30. 6<br>30. 9<br>31. 2<br>31. 5<br>31. 1<br>31. 1                 | 28. 6<br>28. 8<br>28. 7<br>28. 8<br>28. 8<br>29<br>29. 1<br>29. 1<br>29. 1<br>29. 1<br>29. 2<br>29. 1<br>29. 2<br>29. 2<br>29. 5<br>29. 3<br>29. 3 | 27.6<br>27.7<br>27.7<br>27.7<br>27.7<br>27.7<br>27.7<br>27.7        | 82<br>76.6<br>80.2<br>72.7<br>72.6<br>72.6<br>73.8<br>69.6<br>75.2<br>76.1<br>74.2<br>82.1<br>83.2<br>79.4<br>81.6 | 22.<br>21.<br>20.<br>20.<br>20.<br>21.<br>20.<br>21.<br>21.<br>21.<br>22.<br>21.<br>22.<br>22.<br>23.<br>24.<br>25.<br>26.<br>27.<br>28.<br>29.<br>29.<br>20.<br>20.<br>20.<br>21.<br>20.<br>20.<br>20.<br>20.<br>20.<br>20.<br>20.<br>20  | 1   22.9<br>2   21.9<br>6   19.4<br>8   21<br>7   24<br>20.6<br>6   19.2<br>5   21.9<br>5   21.3<br>3   19<br>4   20.7<br>8   22.5<br>9   21.7<br>4   22<br>7   23.2 | 55.5.5<br>52.3<br>55.6<br>52.9<br>57.3<br>58.5<br>54.4<br>54.3<br>56.2<br>56.3<br>56.3<br>56.3<br>56.3<br>56.3<br>56.3<br>56.3<br>56.3<br>56.3<br>56.3<br>56.3<br>56.3 | 3.95545<br>4.5513.5475<br>5.665.3665<br>3.819                  | 3.5                                    |
| 30<br>31<br>Mean<br>Total       | 58. 92<br>58. 88<br>758. 17                                | 27. 9<br>28. 1<br>28. 1   | 33. 4<br>34. 1<br>34   | 23.8 23.9 23.3   | 30. 7<br>30. 6<br>29. 5   | 31. 7<br>31. 9<br>31. 1   | 31 30.9  | 31. 2<br>31. 2<br>30. 3  | 29. 3<br>29. 3<br>28. 9  | 27. 9<br>27. 9  | 81. 8<br>77. 4   | 22.<br>21.   | 5 22.5<br>4 22.7   | 53. 7<br>52. 8<br>54. 2  | 4. 3<br>4. 4<br>5. 2<br>162. 2                                 | 3. 2<br>3. 2<br>3. 7<br>115. 6         |
| Departure from normal           | -0.17  | -0.3  | +0.4   | -0.6   |   |   |  |  |  | -   | -1.8   | -0.  | 9  |  |  |  |
|                                 | -  |   | Wine   | i.   |   |   |  |  | Clouds.  |   |  |  | Rain,  | 24 hrs   |  |  |
| Day.                            | Preva<br>direct  |   | Total<br>move-<br>ment.  | Maxi-<br>mum<br>hour-<br>ly<br>veloc-  | of  | time<br>the<br>mum  | Amount (mean).   | For  | T  | direction   |  | Sun-<br>shine.   | begin<br>6 a.<br>On the<br>tower.  | ining<br>m.  | Miscell  | aneous.                                |
| 1                               | ESE,<br>E qu<br>E qu                                       | ESE ad. EEEEEE V SSEEEA SSE SSE SSE SSE SSE SSE SSE SSE   | Km   | 24<br>20<br>20<br>21<br>19.5<br>18<br>16<br>13<br>16.5<br>17<br>23<br>19<br>19<br>19<br>20<br>19<br>24<br>25<br>23<br>26<br>30<br>30<br>27<br>17 | S S I I E E E E E E E E E E E E E E E E   | E VESEMENNES SEE EE EE WWW.SWW.SWW.SEE  | 0-10. 3.27 4.6 3.17 4.6 3.5 4.4 4.8 5.4 7.3 5.18 9.6 8.6 8.6 8.2 2.8 8.7 7.5 8.8 2.2 8.7 7.5 8.8 8.6 6.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6 | ACu., cicu., cicu., ACu., ciCu. ciS. CiS. CiS. CiS. CiCu. CiCu. CiCu. CiCu. CiCu. CiCu. CiCu. CiCu. CiCu. Ci. Ci. Ci. Ci. Ci. Ci. Ci. Ci. Ci. Ci | Acu.<br>cicu.<br>ESE<br>SW<br>SSW<br>WSW   | Cu.<br>SCu.   | EEEEE EEEEEEE WWW.by   | h. m. 10 20 9 25 7 25 9 50 10 00 8 35 7 25 6 30 7 35 2 00 10 35 10 10 35 10 15 8 25 7 25 7 20 9 30 10 35 7 35 8 25 7 25 7 20 9 30 10 35 7 25 7 20 9 30 10 35 7 25 7 20 9 30 10 35 7 25 7 20 9 30 10 35 7 25 7 20 9 30 10 35 7 25 7 20 9 30 10 35 7 25 7 20 9 30 10 10 10 10 10 10 10 10 10 10 10 10 10 | 19 11.5 .3 .8 .5 3.6 2.5 .5 22.6 .8 3 3 .3 3.4   | 19.8   | ● a. Г.<br>●° a.<br>●° ⊕° :                                    | o.<br>o.<br>o.<br>o.<br>o.<br>o.<br>o. |
| Mean<br>Total<br>Departure from |  |   | 211. 4<br>6, 553   | 21   |   |   | 5.4  |  |  |   | -  | 7 45<br>240 15   | 83. 3  | 84.6   |  |  |
| normal                          | .  |   | -381.2   |  | -   |   | -0.3   |  |  |   |  | + 9 54   | -21.6  |  |  |  |

All the mean values given in this table are deduced from hourly observations.

b These values are taken from instruments mounted in the Observatory Park, 1.5 meters above ground.

#### METEOROLOGICAL BULLETIN.

#### METEOROLOGICAL DATA FOR MIRADOR OBSERVATORY, BAGUIO.

[ $\phi$ =16° 25' N;  $\lambda$ =120° 36' E; barometer above sea, 1,512.6 meters; gravity correction not applied, -1.65 mm.]

|   | Day.  |   |   | Air te   |   | ure at M<br>the mo   |   |  |  | mperatu<br>near the  |   |  |  |   | Radia   | tion.   | Evapo  | ration |
|---|---|---|---|--|---|--|---|--|--|--|---|--|--|---|---|---|--|--------|
| 1. SST. 13   10.6   26.7   10.556.   15.1   5.50a.   26.4   11.50a.   14.2   5.00a.   79.8   13.4   13.5   12.1   67.   3.9   2.2   2. 36.4   13.4   23.5   10.20a.   14.4   5.50a.   26.4   11.50a.   14.2   5.50a.   13.4   13.5   13.5   13.5   3.7   27.29   18.7   24.6   11.55a.   14.9   5.00a.   25.5   10.55a.   14.1   5.00a.   85.   13.5   13.4   13.5   63.7   3.9   2.2   5. 37.34   12.6   24.5   11.55a.   14.9   5.00a.   25.5   10.55a.   14.1   5.00a.   85.   13.5   13.4   13.5   63.7   3.9   2.2   5. 38.88   13.3   23.5   10.00a.   15.1   5.00a.   25.5   10.55a.   14.1   5.00a.   85.   13.5   13.4   83.   2.5   15.5   9. 35.45   15.6   24.7   1.55a.   15.8   5.00a.   25.5   10.55a.   14.1   5.00a.   25.5   9. 35.45   15.6   25.1   2.35b.   15.3   12mn.   25.7   3.00p.   15.4   3.10a.   14.2   5.00a.   14.2   14.2   5.00a.   14.2   14.2   2. 38.91   10.8   25.2   10.50a.   15.2   4.25a.   25.1   1.10a.   24.2   25.2   1.20p.   14.9   4.00a.   20.0   14.2   14.2   5.00.   14.2   14.2   5.00a.   14.2   14.2   5.00a.   15.2   4.25a.   25.1   1.10a.   24.2   25.2   1.20p.   14.2   24.2   25.2   1.20p.   14.2   24.2   25.2   25.3   25.2   25 | 1.  | Day.  | sure b  | Mean.  |   | Hour.  |   | Hour.  |  | Hour.  |   | Hour.  | tive<br>humid-<br>ity  | pres-<br>sure   | mum on  | mum<br>in sun.<br>Black<br>bulb<br>in va-   | ex-<br>posure  |        |
| Mean  | Day.   Day.   Day   D | 7 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9   | 637. 13<br>36. 465<br>36. 729<br>37. 34. 36. 226<br>36. 226<br>36. 236<br>36. 37. 36. 39.<br>36. 37. 56<br>36. 37. 56<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 49<br>36. 40<br>36. 40<br>36. 40<br>36. 40<br>36. 40 | 19. 6<br>19. 4<br>19. 18. 6<br>19. 3<br>19. 18. 5<br>18. 6<br>18. 3<br>19. 3<br>19. 3<br>19. 5<br>19. 5<br>19. 5<br>19. 2<br>19. 2<br>19. 2<br>19. 2<br>19. 2<br>19. 2<br>19. 2<br>19. 3 | 25.7<br>25.2<br>24.6<br>24.6<br>25.2<br>24.6<br>25.7<br>25.8<br>22.8<br>22.8<br>25.8<br>25.8<br>25.8<br>25.8<br>25.8  | 10. 20a. 11. 00a. 11. 00a. 1. 15p. 0. 05p. 0. 15p. 0. 20p. 1. 15p. 0. 20p. 10. 50a. 9. 10a. 10. 50a. 3. 00p. 11. 00a. 9. 55a. Noon 1. 25p. 1. 40p. 1. 40p. 1. 35p. 1. 40p. 1. 30p. 1. 10p. 1. 13p. 0. 05p. 1. 13p. 0. 05p. 1. 13p. 0. 05p. | 15. 1<br>15. 4<br>14. 8<br>14. 9<br>15. 1<br>14. 9<br>15. 3<br>15. 3<br>16. 1<br>16. 2<br>16. 7<br>16. 7<br>16. 2<br>16. 2<br>16. 4<br>15. 5<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1<br>16. 1 | 5. 35a<br>5. 40a<br>5. 00a<br>5. 00a<br>5. 00a<br>5. 00a<br>5. 00a<br>12 m. n.<br>1. 15a<br>4. 25a<br>5. 00a<br>5. 00a<br>5. 00a<br>6. 00a<br>4. 50a<br>5. 20a<br>4. 50a<br>6. 00a<br>4. 50a<br>6. 00a<br>6. 05a<br>4. 55a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a<br>6. 05a | 26. 4<br>26. 2<br>25. 5<br>24. 6<br>25. 7<br>24. 4<br>25. 7<br>24. 1<br>25. 7<br>26. 2<br>25. 7<br>24. 1<br>25. 2<br>25. 7<br>24. 1<br>25. 2<br>25. 7<br>24. 2<br>25. 1<br>25. 2<br>25. 1<br>25. 2<br>25. 1<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 3<br>26. 2<br>26. 3<br>26. 2<br>26. 3<br>26. 2<br>26. 3<br>26. 2<br>26. 3<br>26. 2<br>26. 3<br>26. 2<br>26. 3<br>26. 2<br>26. 3<br>26. 2<br>26. 3<br>26. 2<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 4<br>27. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 4<br>28. 4<br>28. 4<br>28. 5<br>29. 5<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20 | 10. 25a. 2. 30p. 10. 55a. 1. 40p. 11. 35a. 0. 35p. 1. 20p. 3. 00p. 3. 15p. 9. 10a. 11. 00a. 3. 15p. 11. 55a. 3. 10p. 9. 50a. 10. 25a. 3. 10p. 10. 00a. 10. 55a. 2. 30p. 11. 30a. 0. 20p. 1. 40p. 1. 40p. 0. 30p. 1. 40p. 0. 30p. 2. 05p. 0. 30p. 2. 05p. 0. 20p. 0. 30p. 0. 20p. 0. 30p. 0. 20p. 0. 30p. 0. 20p. 0. 30p. 0. 20p. 0. 30p. 0. 20p. 0. 20p. 0. 40p. 0. 40p. 0. 40p. 0. 40p. 0. 40p. 0. 40p. 0. 40p. 0. 40p. 0. 40p. 0. 40p. 0. 40p. 0. 40p. 0. 40p. | 14. 2<br>14. 1<br>14. 1<br>14. 1<br>13. 6<br>14. 9<br>15. 5<br>16. 8<br>15. 2<br>15. 1<br>15. 2<br>15. 2<br>15. 2<br>15. 4<br>15. 2<br>15. 4<br>15. 2<br>15. 4<br>15. 2<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4<br>15. 4 | 5. 55a. 5. 35a. 5. 35a. 5. 55a. 5. 55a. 4. 00a. 5. 25a. 5. 25a. 5. 20a. 4. 00a. 6. 00a. 5. 35a. 5. 55a. 2. 40a. 12 m. n. 4. 35a. 5. 55a. 12 m. n. 4. 35a. 5. 50a. 2. 40a. 12 m. n. 5. 55a. 1. 5. 55a. 1. 5. 55a. 5. 20a. 5. 20a. 5. 20a. 5. 20a. 5. 20a. 5. 20a. 5. 35a. 5. 20a. 5. 35a. 5. 20a. 5. 35a. 5. 20a. 5. 35a. 5. 20a. 5. 35a. 5. 20a. | 79.8<br>80.5<br>81.8<br>81.2<br>72.8<br>83.2<br>90.8<br>88.2<br>93.5<br>81.8<br>82.8<br>83.5<br>83.8<br>83.8<br>83.8<br>83.8<br>83.8<br>83.8<br>83 | 13. 4<br>13. 2<br>13. 5<br>11. 9<br>13. 6<br>14. 6<br>13. 5<br>14. 6<br>13. 9<br>14. 6<br>13. 5<br>14. 6<br>13. 3<br>14. 6<br>13. 3<br>14. 6<br>13. 3<br>14. 6<br>13. 3<br>14. 6<br>13. 3<br>14. 6<br>13. 3<br>14. 6<br>13. 3<br>14. 6<br>13. 3<br>14. 6<br>13. 3<br>14. 6<br>13. 3<br>14. 6<br>13. 3<br>14. 6<br>15. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6 | 12. 1<br>13. 3<br>13. 4<br>13. 6<br>13. 3<br>14. 2<br>14. 2<br>14. 2<br>14. 2<br>16. 4<br>16<br>13. 6<br>13. 6<br>14. 2<br>14. 2<br>14. 2<br>14. 2<br>14. 2<br>14. 2<br>14. 2<br>14. 2<br>14. 6<br>15. 1<br>14. 6<br>15. 1<br>16. 1<br>17. 1<br>18. 6<br>18. 7<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. | 57, 3<br>58, 3<br>57, 7<br>58, 9<br>59, 4<br>58, 8<br>60, 9<br>58, 2<br>56, 4<br>59, 7<br>57, 9<br>58, 9<br>60, 5<br>61, 7<br>60, 1<br>59, 9<br>61, 5<br>59, 4<br>60, 5<br>61, 5<br>60, 7<br>61, 5<br>60, 7<br>61, 6<br>61, 7<br>61, 6<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7<br>61, 7 | 3.99.362.159.99.39.19.3 852.15859.2459.4.1.2.1.3.4.2.1.2.2.2.2.1.3.3.2.1.3.2.1.2.2.2.2.1.3.3.2.1.2.2.2.2 |        |
| Day.   Prevailing direction.d   | Day.   Day.   Direction   D | Mean  | 636, 53   | 18. 9  | 24.8  |  | 15.5  |  | 25.3   |  | 14.9  |  | 86.2   | 13. 9   | 13.9  | 59. 5   | 2.7  | 1.6    |
| Day.   Prevailing direction.d   | Day.   Prevailing direction.   Total movely   Prevailing direction.   Total movels   Prevailing direction.   Total movels   Prevailing direction.   Total movels   Prevailing   Prevaili | Total   |   |  |   |  |   |  |  | <br>-=====   |   |  |  |   |   |   | 85. 1  | 49.3   |
| Day.   Prevailing direction.   Total movement.   Prevailing direction.   Total movement.   Prevailing direction.   Total movement.   Prevailing direction.   Prevailing dir   | Day.   Prevailing direction.   Total mount movement.   Total movement.   Prevailing direction.   Total movement.   Prevailing direction.   Total movement.   Prevailing of the lay will be prevailed by the prevailing of the prevai |   |   |  | W.  |  | . 1   |  | 1  |  | Clouds.   |  |  |   | Rain, 24  |   |  |        |
| 1.  | $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$  | Day.  |   |  | mov   | al hou hou ly velo   | r- at th  | the  | Amount (mean).   |  | 1   |  |  |   | hours<br>begin-<br>ning   | 1   | cellane  | ous.   |
|   | Man 217 9 24 0 5 6  | 2 3 3 4 4 5 5 6 6 6 7 8 8 9 9 0 0 1 1 2 2 3 3 4 4 5 5 5 6 6 7 7 8 8 7 9 9 0 0 1 1 2 2 3 3 4 5 5 5 6 6 7 7 8 8 7 9 9 0 0 1 1 2 2 3 3 4 5 5 5 6 6 7 7 8 8 7 9 9 9 7 9 9 7 9 9 9 7 9 9 9 9 | E E Va Vs S S S Vs W Vs W Vs W Vs W Vs W Vs W   | E. C., SE. C., Quad. E. Quad. W., E. W., E. W., E. G., C., C., C., C., C., C., C., C., C., C   | 299<br>392<br>322<br>299<br>299<br>299<br>299<br>321<br>323<br>324<br>233<br>324<br>235<br>256<br>256<br>327<br>267<br>328<br>328<br>328<br>328<br>328<br>328<br>328<br>328<br>328<br>328 | $\begin{array}{cccccccccccccccccccccccccccccccccccc$   | 44  | W SW SW SW SW SW SW SW SE SW SW SE SW SW SE SW SW SE SW SW SW SW SW SW SW SW SW SW SW SW SW  | 2.61<br>5.5.67<br>7.77<br>5.6.8.5.67<br>7.74<br>6.6.7<br>7.5.5<br>6.75<br>7.5.5<br>6.75<br>7.5.5<br>6.75<br>7.55<br>6.75<br>7.75<br>7  | Ci. Ci. S. Ci. S. Ci. S. Ci. S. Ci. S. Ci. S. Ci. S. Ci. S. Ci. S. Ci. S. Ci. S. Ci. S. Ci. S. Ci. S. Ci. S. Ci. S. Ci. Ci. S. Ci. Ci. S. Ci. Ci. Ci. Ci. Ci. Ci. Ci. Ci. Ci. Ci   | WSW<br>WSW<br>W, W<br>SW, S   | CuN.  | EEESWESSEWNWSSSWESSENEESENEESNEESNEESNEE   | 8 00<br>6 45<br>7 40<br>5 00<br>7 40<br>5 00<br>6 45<br>5 05<br>6 05<br>6 2<br>2 30<br>6 05<br>5 4<br>2 25<br>4 25<br>4 25<br>4 25<br>6 40<br>7 40<br>7 40<br>6 40<br>7 40<br>6 40<br>7 7 40<br>7 40<br>7 40<br>8 40<br>8 40<br>8 40<br>8 40<br>8 40<br>8 40<br>8 40<br>8   | 14.5<br>10.4<br>2.3 94<br>3.4 .5<br>1 13.2<br>2.8 4   | □ [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [   | = 1  | p.     |

<sup>\*</sup> All the mean values given in this table are deduced from six daily observations taken at 2, 6, 10 a.m. and 2, 6, 10 p. m.

b The barometric readings of this station are not reduced to sea level.

c Maximum of hourly observations taken from 6 a.m. to 6 p. m.

d This element is based on hourly observations taken from a quadruple register, which gives only eight possible directions of the wind.

# BULLETIN FOR MAY, 1918

# DAILY RAINFALL AT THE STATIONS OF THE WEATHER BUREAU, MARCH, 1918.

| Station.  |  |             |                  |                |      |                     | 1                  | Day of             | month             | 1.<br>           |                |                    |                  |            |                  |            |
|---|--|-------------|------------------|----------------|------|---------------------|--------------------|--------------------|-------------------|------------------|----------------|--------------------|------------------|------------|------------------|------------|
| Station.  | 1.   | 2.          | 3.               | 4.             | 5.   | 6.                  | 7.                 | 8.                 | 9.                | 10.              | 11.            | 12.                | 13.              | 14.        | 15.              | 16.        |
| Jolo  | mm.  | mm.         | mm.<br>2.3       | mm.<br>1<br>.5 | mm.  | mm.<br>17.5<br>29.5 | mm.<br>1.8<br>14.7 | mm.<br>26.7<br>2.8 | mm.<br>8.4<br>5.6 | mm.              | mm.            | mm.                | mm.              | mm.        | mm.              | mm         |
| Basilan Plantation, Isabela (Basilan)                                 | 3  | 0.0         | 5                |                | 27.4 |                     | 18.2               |                    |                   | 9                |                | 10 9               | l                | !          | 8.9              |            |
| Zamboanga   |  | 2           | . 5              | 3.5<br>2.8     | .6   | 19.4<br>18.5        | 3.9                | 8.7<br>12.5        | 4.6               | 3                | 7.4            | 18.3<br>13.2       | 14.5<br>5.1      | 6.6<br>2.5 | 16.8             | 3.3        |
|   | 38.6   | . 5<br>7. 4 | 13.7<br>4.3      | 1.8<br>4.1     | 4.6  |                     | 4.8                |                    |                   |                  | 1.1            | 1.8                | 4                |            |                  |            |
| Camp Keithley, Lanao *  |  |             |                  | 4.1            | 4.0  |                     |                    |                    | 4.1<br>28.6       | 1.7              | 8.6            | 4.5                | 18.8<br>22.3     | 7.1        | 12.4             | 2          |
| Cagayan, Misamis<br>Dapitan   | <u>i</u>   | 5.8<br>10.9 | 1.3<br>18        | 20.4           | .1   | 33. 5               | 3.8                |                    | 1.5               | 1.5              | 9. 1<br>36. 8  | 9. 9<br>31. 8      | $\frac{3}{29.7}$ | 7.1        | .5               |            |
| Butuan  | 3.3  | 14.3        | .8               | 13.3           |      | 10.7                | 12.7               | 5.8                | 4.6               |                  | 45.7           | 3.1                | 11.7             | 2          |                  | 1          |
| Mambajao<br>Dumaguete   |  |             |                  |                |      |                     | 3.8                | 1                  | 8.9<br>1.5        | 53.6             | 41. 4<br>63. 2 | 50.8<br>14.8       | 52               | 5.6        |                  |            |
| Yap, Western Carolines  | -10.4  | 1           | . 3              | 7. 1           | 5.8  | 1.6                 | 1.8                | .8                 | 7. 9              | 7.1              | 7.2            |                    |                  |            | 7.1              | 4.8        |
| wahig   | $   \begin{array}{c}     10.4 \\     8.4   \end{array} $ | 5.9<br>10.2 | 1.8<br>8.2       | 3.9            |      | .5                  |                    | . 5                |                   |                  | 8.1            | 2.6                |                  | . 6        |                  |            |
| Surigao<br>Maasin   | 13.7   | 19.4        | 30.2             | 1.3            | 3.6  | 5. 1                |                    | 7.4                | 1                 |                  | 87.4           | 6.6                | 6.1              | 5. 1       |                  |            |
| Cebu  |  | 35          |                  |                | 1.3  |                     | 1                  | 24.4               |                   |                  | 16<br>3.8      | 20.8<br>5.1        | 11.4             |            |                  |            |
|   |  | .3          |                  |                |      |                     | 1.3<br>.3          | 2. 5<br>25. 1      | 31.5              | 7.6              | 11.4<br>2.3    | 1<br>3.3           | 14. 7<br>35. 8   | .5         |                  |            |
| Cuyo  |  |             |                  |                |      |                     |                    | 1.3                | 2.5               | 37.6             |                |                    | 9.9              |            |                  |            |
| Lucena, Iloilo a  | 12. 7  | 2.3-        |                  |                |      | .5                  |                    | 2.5                |                   |                  | 42.7           | 7.6                | 4.8              |            | .3               | 13. 2      |
| Guiuan  | 3.1  | 33.3        | 1                | 1.8            | 15 0 | 7.6                 | 14.7               | 57. 9              | 2.5               |                  | 26.7           | 34.8               | 28. 2            | 4.6        | 11.4             | 1.8        |
| Bitaogan, Iloilo (Railroad Iloilo to                                  | 20.3   |             |                  | 10.2           | 15.2 | 4.8                 |                    |                    |                   | 7.6              |                |                    |                  |            |                  |            |
| Capiz) a Lapus, Iloilo (Railroad Iloilo to                            | 3.8  | 11.2        |                  |                | 2.5  |                     | .8                 | 6.9                | 24.8              | 5.1              |                | 1.5                |                  |            |                  |            |
| Capiz) a  |  |             |                  |                |      |                     | 4.8                | 8.6                |                   |                  | 14             | 1.3                | 10.9             | 1          |                  |            |
| Facloban Dumarao, Capiza  | <b>4.</b> 8  | 8.7<br>2.5  | 1                | 1.8            | 6.2  | 7                   | .3<br>1.5          | 17.6<br>1.3        | 2.8<br>4.6        |                  | 1.5            | 11.4<br>1          | 17.8             |            | 8.1              | 5.8<br>1.5 |
| Dao, Capiza   | 10.7   |             |                  | 5.1            | 3. 3 | 14                  | 1. 5               | 5.6                | 3.3               |                  |                | 1                  |                  |            |                  | 1. 5       |
| Capiz<br>Borongan   | $\frac{10.4}{9.7}$                                       | 1.8<br>9.2  | $\frac{.3}{3.6}$ | 1.3            | 4.9  | 14.7                | 11.9               | 2.8<br>12.2        | 28.8<br>1         | $\frac{.5}{2.3}$ |                | $\frac{3.3}{12.2}$ | .8<br>18.8       | 3          | 15               | 6.4        |
| Catbalogan  | 6.8  | 2.5         | 1                |                | .3   |                     | 7.9                |                    | 6.9               | 17.8             | 3.3            | 1.3                | 12.5             |            | 9.1              | 13         |
| Calbayog  | $\frac{42.3}{1}$   | 1           | 9.1              | . 5?           | 3.6  | 2                   | 12. 7              | 3                  | 6.6               |                  | 10.1           | 6.9                | 8.6              | 1.3        | 16. 1            | 10.9       |
| San Jose Estate, J. Abello D-13,                                      | _  | _           |                  |                |      |                     |                    |                    |                   | 15.0             |                |                    |                  |            |                  | .          |
| Mindoro a   |  |             |                  |                |      |                     |                    |                    |                   | 15.2             |                |                    |                  |            |                  |            |
| ation, Mindoroa<br>San Jose Estate, San Agustin,                      |  |             |                  |                |      |                     |                    |                    | 1.3               | 19.3             |                |                    | 1                |            |                  |            |
| Mindoro a   |  |             |                  |                |      |                     |                    |                    |                   |                  |                |                    |                  |            |                  |            |
| San Jose Mindoro a San Jose Estate, Tunnel D-12,                      |  |             |                  | 3.8            |      |                     |                    |                    | 13.5              | 19.3             |                |                    |                  |            |                  |            |
| Mindoro a   |  |             |                  |                |      |                     |                    |                    | 15.5              | 11.9             |                |                    | 1.5              |            |                  |            |
| Romblon Batag   |  |             | 5.3              |                | .8   | 6.4                 | 5. 6<br>62. 2      | 3.8<br>8.9         | 7.1               | .7               |                | .6<br>1.3          | 17<br>2.5        | 4.1        | 2.3              | 1.8        |
| Sorsogon  | 16   |             | 9. 9             |                |      | 0.4                 |                    | 0.3                |                   |                  |                |                    |                  |            |                  |            |
| Legaspi<br>San Miguel Estate, San Miguel Is-                          | .3   |             |                  | . 3            |      |                     | 1.3                | 1.5                |                   |                  | 4.8            |                    | 8.2              | .3         | 4.1              |            |
| land, Tabaco, Albay ab  | .3   | 3.6         | 6.9              |                | 5.6  | 2                   | 4.6                | 7.6                | .3                | =-               | 17.3           | .3                 | 58.7             | .5         |                  | . 5        |
| Sumay, GuamCalapan  | 3.8  |             | 2.5              | 43.2           |      |                     | 1.5<br>3.8         |                    |                   | 1.8              |                | .3                 | 3<br>59. 7       | 10.4       | $\frac{1}{31.2}$ | 1.3        |
| Virac<br>Naga   | 3.3  | 16. 5       | 2.6              | .3             |      | 1.5                 | 14                 | 6.1                | 4.3               |                  | 5.3            | 9.6                | 54. 6<br>15      | . 5        |                  | 7.9        |
| Tigaon  | .1   | .5          |                  |                | 2    |                     |                    |                    | 4.3<br>8.2        |                  | 3.6            | .8                 | 23. 1            | .3         | .3               | Ì          |
| Batangas<br>Lucena  | <del>-</del>   |             |                  |                |      |                     |                    | .3                 |                   |                  |                | 1.3                | 20.6<br>10.2     | 1.3        | 8.6              |            |
| Atimonan  | 2.8  | 1           |                  | .5             | 9.1  |                     |                    |                    |                   | 12.4             | .8             |                    | 2.1              |            |                  |            |
| Ambulong, Tanauan   | .3   | 2.3         |                  |                |      |                     |                    |                    | 3<br>43. 4        | 42.2             |                | 12.7               | 7.3              | 10.9       |                  |            |
| Paracale  | 1.5  | 17.7        | 4.9              | 3              | 4    | 15.5                | 75.4               | 2.5                | 10.4              | 2.3              |                | .3                 | 18.1             |            | . 5              |            |
| Santa Cruz, Laguna<br>Fort Mills, Corregidorac                        |  | 14.2        | 15               |                |      |                     |                    |                    |                   | 6.6              |                | 3.3                | 46.5             |            |                  |            |
| Manila  |  |             |                  |                |      |                     |                    |                    | 19                |                  |                | 11.5               | .3               |            | .8               |            |
| Antipolo<br>Bosoboso, Rizala  |  |             | . ә              |                |      |                     |                    |                    | 29. 2<br>29. 7    |                  |                | 10. 7<br>1. 3      | 3.3              |            |                  | (          |
| Montalban, Rizala   |  |             |                  |                |      |                     |                    |                    | 32                | 1.3              |                | 3.6                | 7.9              |            | 1.3              | !          |
| Jose, Bulacan a   |  |             | 3.8              |                |      |                     | 1.8                | 7.6                | 31.2              | 14.2             | 3.3            |                    |                  | 14.2       |                  |            |
|   |  |             |                  |                |      |                     |                    |                    |                   | 45. 2            |                |                    | 1                |            |                  |            |
| Iba   |  |             |                  | 1.5            |      |                     |                    |                    | 11 0              |                  |                |                    | 3 4              |            | 1                |            |
| Hacienda Luisita, San Miguel,   |  |             |                  |                | i    | ·                   |                    | į                  | 11.2              |                  |                |                    | 1.4              |            |                  |            |
| Tarlac <sup>a</sup><br>Hacienda Luisita, Luisita, Tarlac <sup>a</sup> |  | :           |                  |                |      |                     |                    | 3.8<br>2.3         |                   | 27. 2<br>29. 2   |                |                    |                  |            |                  |            |
| Farlac  |  |             |                  | 46, 5          |      |                     |                    | 10.4               | -==-=-            | 24.9             |                |                    |                  |            |                  |            |
| Baler<br>Paniqui, Tarlaca   | . 5  | 10.4        | 16.5             | . 3<br>2. 3    |      |                     |                    | 16.5               | 58.7<br>2.3       | 3.8              | . 2            |                    | 30.8             | 1.3        |                  |            |
| C. L. A. S. Muños, Nueva Ecija a                                      |  |             |                  |                |      |                     |                    | 8.9                | 2                 | .5               | 4.1            |                    |                  |            |                  |            |
| Dagupan<br>Santo Tomas Mt., Mountain Prov-                            |  | 8.1         | 2                |                |      |                     |                    | 14                 | .5                |                  |                |                    | ,                | 2.8        | 5.6              |            |
| ince a<br>Bolinao   |  |             | 3                |                |      |                     | .5                 | 1                  | 15.7              |                  |                |                    |                  | 42.7       |                  | 1. 3       |
| Baguio  |  | 14.5        |                  | 10.4           |      |                     |                    | 2.3                | 94                |                  | 3.4            | .5                 |                  | 1          | 13. 2            |            |
| San Fernando, Union<br>Echagüe  |  |             |                  | 24.6           |      |                     |                    |                    | 11.9              |                  |                |                    |                  | 64.8       | 9.6              |            |
| Sagada, Mountain Provincea  |  |             |                  | 25.1           | 1    | 20.8                | 1                  | 34.3               | 4.3               |                  | 19             | 30.5               |                  |            |                  | 8.9        |
| Bontoc, Mountain Province a   |  |             | 9.1              | 7.6<br>1       |      | 5.6                 | 19.8               | 26. 9              | . 5               | 18.8             | 14.5           | 19.3               | 2                | .8         | 6.4              | 2.8        |
| Villavieja, Pilar, Abraa  |  |             | .5               |                |      |                     |                    |                    |                   |                  |                |                    | 1.3              |            | 7.1              |            |
|   |  |             |                  |                |      |                     |                    | 4.1                | 16                | 5.8              |                |                    |                  |            | 12.4             |            |
| Vigan<br>Fuguegarao   |  |             |                  |                |      |                     |                    |                    |                   |                  |                |                    |                  |            |                  | 1          |
| Fuguegarao  |  | . 5         |                  | 9. 7           |      |                     |                    |                    |                   |                  |                | 2.5                | 2                | 66.6       | .5               |            |
| Vigan Luguegarao La Paz, Abra <sup>a</sup> Laoag Aparri Lape Bojeador |  | .5          |                  | 9.7            |      |                     |                    |                    |                   |                  |                | 2.5                | 2                |            | . 5              |            |

<sup>&</sup>lt;sup>a</sup> Voluntary or coöperative station.
<sup>b</sup> Rain in 24 hours beginning 8 a. m.

<sup>&</sup>lt;sup>c</sup> Rain in 24 hours beginning 7 a. m. \*This station was opened on May 9, 1918.

#### METEOROLOGICAL BULLETIN.

Daily rainfall at the stations of the Weather Bureau, May, 1918—Continued.

| Station.  |             | .,                 |                   |             |            |       |              | Day        | of mor      | tn.         |               |           |                |               |             |                |
|---|-------------|--------------------|-------------------|-------------|------------|-------|--------------|------------|-------------|-------------|---------------|-----------|----------------|---------------|-------------|----------------|
| Station.  | 17.         | 18.                | 19.               | 20.         | 21.        | 22.   | 23.          | 24.        | 25.         | 26.         | 27.           | 28.       | 29.            | 30.           | 31.         | Tota           |
| Jolo  | mm.         | mm.                | mm.               | mm.<br>25.1 | mm.<br>3.6 | mm.   | mm.          | mm.        | mm.<br>4.6  | mm.         | mm.           | mm.       | mm.<br>5.3     | mm.           | mm. 1       | mm.            |
| Isabela, Basilan                                      | 17          | 0.8                | 6.9               | .5          | 14.2       | 0.0   |              | 8.6        | .8          |             | 1.5           |           | 1.5            | 53.6          | .5          | 190.           |
| Basilan Plantation, Isabela (Ba-                      | 10.7        | 0.0                | 0.5               | 10.0        | 9.4        |       |              |            | 3.8         |             |               |           | 8.2            | 42.4          |             | 236.           |
| silan) a<br>Zamboanga                                 | 12.7        | 9.2                | $\frac{2.5}{4.3}$ | 10.2        | 9.4        |       |              |            | 3.5         |             | .8            |           | 0.2            | 42.4          | 1           | 84.8           |
| Davao   | 5.6         | 9.5                | 3.8               | 75.7        | 6.3        |       | 72.4         |            |             |             | 55. 9         | 9.4       | 17             | 17.3          | 24.4        | 358.8          |
| Cotabato<br>Camp Keithley, Lanao                      |             | 7.9<br>24.4        | 5.3               |             | 1.5        | 2.6   | 3.3          | 2          | 30<br>16. 4 | 1.3         | 13<br>26. 3   | 2.5       | 13. 2          | 14.5<br>18    | 5.3         | 149.7<br>186.4 |
| Cagayan, Misamis                                      |             | 6.6                | 5. 5              | 3           | 1.0        | 2.0   |              |            | 8. 9        |             |               |           |                | 1.3           |             | 62.            |
| Dapitan   |             |                    | 1.5               | .8          |            |       |              |            | <b>-</b>    | 2           | 17.7          |           | 10.7           |               | 4.6         | 212.8<br>194.8 |
| Butuan<br>Mambajao                                    |             | 18.8               |                   |             |            |       |              |            |             |             | 28.4          | 4.3       | 12. 7          | 1.1           | . 5         | 110.           |
| Dumaguete   |             | 6.6                |                   |             |            |       |              |            | 1.5         |             |               |           |                |               | 1.5         | 201.           |
| Yap, Western Carolines                                | 10.2        | 7.2                | 4.1               | 2.5         |            | .8    |              | 2.1        |             | 6.6         | . 5           | <b>-</b>  | .8             | .8            | 5.4         | 93.<br>53.     |
| Fagbilaran<br>Iwahig                                  |             | .5                 | 1.1               | 21.1        |            |       | 31.7         | 29.5       |             |             |               |           | .8             | 31.2          |             | 128            |
| Surigao   | 21.8        |                    |                   | 16.3        |            |       |              |            |             |             |               |           |                |               |             | 225            |
| Maasin<br>Cebu  |             |                    |                   |             |            |       |              |            |             |             |               | 24. 4     | +              |               |             | 48. 95.        |
| lloilo  |             | 8.1                |                   |             |            |       |              |            | 1.8         | 4.1         |               | 24. 4     | 2.6            |               |             | 60.            |
| San Jose Buenavista                                   | 3.8         | 9.4                | 2.5               | 6.9         |            |       |              |            | 2.5         | 11.9        | 25.7          |           | 1              | 41.4          | 9.1         | 226            |
| Cuyo  |             | 13.5<br>9.9        | 1                 | .5          |            |       |              |            |             | 2           |               | 1         | 24. 1<br>29. 2 | 4.3           |             | 101<br>85.     |
| Lucena, Iloilo a<br>Ormoc                             | 2.3         | 9.1                | 1                 | .0          |            |       |              |            |             | .8          |               |           |                |               | . 5         | 56.            |
| Guiuan  | 4.1         | .8                 | 3.3               | 5.8         | 23.9       |       |              |            |             |             |               | FO. 0     |                |               |             | 267.           |
| Dueñas, Iloilo a                                      | 5.1         | 9.7                | 7.6               | 4.3         |            |       |              |            |             |             | .8            | 50.8      | 9.9            |               |             | 146.           |
| to Capiz) a   |             | 5.6                |                   |             | 4.1        |       |              | 36.8       |             |             |               | 5.6       | 14             | .8            | 2.8         | 126.           |
| Lapus, Iloilo (Railroad Iloilo to                     | 14.0        | 11 0               |                   |             |            |       |              | i          | 10          | 0           |               |           | E 0            |               |             | 75.            |
| Capiz) a<br>Tacloban                                  | 14.2        | 11. 2<br>7. 7      |                   |             |            |       |              |            | 1.8         | 2           | .3            |           | 5.6            |               | .3          | 104.           |
| Dumarao, Capiza                                       |             |                    | 1.3               | 13.7        | 7.1        |       |              |            | 5.1         |             | 1.3           |           | 49             |               |             | 93.            |
| Dao, Capiz a  | 14. 4       | 2.3                | 35. 1             |             |            |       |              |            |             |             | 17.5          |           | .3             |               | 2.3         | 140.<br>63.    |
| ∪apızBorongan   |             | 9.4                | 9.6               | 7.1         |            |       |              |            |             |             |               |           |                |               |             | 158.           |
| Catbalogan  |             | . 5                | 5.3               |             |            |       |              |            |             |             |               |           |                |               | 7. 4        | 95.            |
| Calbayog  | 7.4         | 5.3                | 4.5               |             |            |       |              |            |             |             | 10.2          | 7.6       |                |               |             | 161.<br>12.    |
| Masbate<br>San Jose Estate, J. Abello D-13,           |             |                    |                   |             |            |       |              |            |             |             |               | 1.0       |                | 1             |             | 12.            |
| Mindoro a   |             |                    |                   |             |            |       |              |            |             |             |               | 7.6       | ļ              | 18.8          |             | 41.            |
| San Jose Estate, Tamaraw                              | İ           | 4.1                |                   | 1           |            |       | 10.4         |            |             |             | 1.8           | 1         | 1              | 3.8           | 5.8         | 48.            |
| Plantation, Mindoroa<br>San Jose Estate, San Agustin, |             | 4.1                |                   | !           |            |       | 10.4         |            |             |             | 1.0           |           | 1              | 3.0           | 0.0         | 40.            |
| Mindoro a   |             | 3.3                |                   |             |            |       |              |            | 1.1         |             | 30.2          |           |                | 13.7          |             | 48.            |
| San Jose, Mindoros                                    |             | 4.8                |                   |             |            |       | 2            |            | .3          |             | 6.4           |           | .3             | 38.1          | .5          | 89             |
| San Jose Estate, Tunnel D-12,<br>Mindoro a            |             |                    |                   | !           |            |       |              |            | 3           |             | 5.3           |           | 3.6            | 43.4          | 2.8         | 87             |
| Romblon   | 13.5        | 26.4               |                   |             |            |       |              |            |             |             |               |           |                | 1.9           | 1.5         | 78.            |
| Batag<br>Sorsogon                                     | . 8         |                    | 10.2<br>153.7e    |             |            |       |              |            |             |             | 10.7          |           |                |               | 3.8         | 110.<br>190.   |
| Legaspi   | 4.3         |                    | 3.6               |             |            |       |              |            |             |             | 10. 1         | 1.8       |                |               |             | 30.            |
| San Miguel Estate, San Miguel                         | 1.5         | 100                |                   | ł           | 1          | i     |              | l          | j           | İ           | i             | 0 1       | 1              | }             | 10.4        | 150            |
| Island, Tabaco, Albayab<br>Sumay, Guam                |             | 10.9               |                   | 12.7        |            | 40, 6 |              |            |             | 2           |               | 8.1<br>14 | 14.8           |               | 10.4        | 152.<br>101.   |
| Calapan   | 3.8         | 5.6                | . 5               |             |            |       |              |            |             |             |               |           |                | 55. 1         | 22.9        | 240.           |
| Virac   | 3.3         | 2<br>16.3          | 1                 |             | .          |       |              |            |             | 2.8         | 10. 2<br>8. 4 |           |                |               | .3          | 146.<br>61.    |
| Naga<br>Tigaon  |             | 10. 3              | .3                |             |            |       |              |            |             | 17.3        | 0.4           | .8        |                |               |             | 61.            |
| Batangas  |             |                    |                   |             |            |       |              |            |             |             |               |           |                | 35.8          |             | 56.            |
| Lucena  | 1.8<br>31.5 | $\frac{21.1}{9.7}$ | 11.5              |             |            |       |              |            |             | 16.5<br>8.9 |               |           |                | ·             |             | 73.<br>84.     |
| Atimonan<br>Ambulong, Tanauan                         |             | 9. 1               |                   | . 5         |            |       |              | .8         |             | 0. 9        |               |           | 4.8            | 23.9          |             | 105.           |
| Canlubang, Calamba                                    |             |                    |                   |             |            |       | 5.3          | 2          |             |             | 36.6          | 9.4       |                | . 3           | .5          | 104.           |
| Paracale  |             | .5                 |                   |             | .          |       |              |            |             |             | 15. 2<br>1. 5 | .8        |                | 3             | 12.2        | 223.<br>103.   |
| Santa Cruz, Laguna<br>Fort Mills, Corregidorac        | 4.8         |                    |                   |             |            |       |              |            |             | 8.9         | .8            |           |                | .8            | 2           | 6.             |
| Manila  | .5          | 3.6                | 2.5               |             |            |       |              |            |             | 15          | 2 <b>2.</b> 6 | .8        | 3              | . 3           | 3.4         | 83.            |
| Antipolo<br>Bosoboso, Rizal a                         |             | 2                  | 2                 |             |            | 9.9   | 15.7         |            |             | 15<br>22.9  | 1.3           |           | 3.8<br>49.5    | 6. 4<br>37. 3 | 8.4<br>18.5 | 91.            |
| Montalban, Rizala                                     |             |                    |                   |             |            | 25.1  | 15.7<br>46.2 |            |             | 20.8        | .5            |           | 4.1            | 1.5           | 4.1         | 202.<br>124.   |
| Hacienda Pintong Sapang, San                          |             | 1                  |                   |             |            |       | 10.2         |            | i           | 1           |               |           |                |               | 1           |                |
| Jose, Bulacana<br>Mabayuan, Dam, Olongapo, Zam-       | 2.3         |                    |                   |             |            |       |              |            |             |             | :<br>!        |           |                | 8.9           | 1.5         | 88.            |
| bales a   |             | ]                  | .3                |             |            |       |              |            |             | 4.1         | 29.2          | 29.7      |                | .3            | 15.2        | 124            |
| Iba   |             | 15.7               |                   | 21.6        |            |       |              |            |             |             | 15.2          | 28.7      | 10             |               |             | 86.            |
| San Isidro<br>Hacienda Luisita, San Miguel,           |             |                    |                   |             |            |       | 3.6          | 4.3        |             | 8.4         | 41.4          |           | 19             | 4.8           | .3          | 116.           |
| Tarlaca   | . 8         | .5                 | 30.5              |             |            |       |              | 7.6        |             |             |               | j         | i              | 25.9          |             | 96.            |
| Hacienda Luisita, Luisita, Tar-                       | 10          |                    | 20                |             |            | 1     |              |            | İ           |             |               |           | İ              |               |             |                |
| laca<br>Tarlac  | 1.8         | .8                 | 30<br>22. 6       |             |            |       |              | 8.1        |             |             |               | 25. 1     | 1              | 26. 4<br>9. 9 | 1.3         | 98.<br>141.    |
| Baler   |             |                    |                   |             |            | .5    |              |            |             |             |               |           |                | 21.6          |             | 144.           |
| Paniqui, Tarlaca                                      |             | 21.6               | 4.6               |             | ¦          |       | 3            |            |             |             |               |           | 5. 1<br>78. 7  |               | 10.2        | 65.            |
| C. L. A. S. Muños, Nueva Ecija ª.<br>Dagupan          |             | 2                  | 6.4               | 6.4         |            | .5    |              |            |             |             | 1             |           | 1.3            |               | 1.8         | 96<br>51.      |
| Santo Tomas Mt., Mountain                             | 1 -         |                    | 1                 |             | 1          |       |              |            |             |             |               |           |                |               |             |                |
| ProvinceaBolinao                                      |             | 1.6                | 11.2              |             | 1.8        |       |              | 1.8<br>1.5 | .5          |             |               | .8        | 9.7            | 15. 7         | 2.8         | 9.<br>113.     |
| Baguio  |             | 2.8                | 4                 |             | .8         |       |              | 1.0        |             |             | 9.2           |           | 52.1           | 15. 1         | 2.8         | 210.           |
| San Fernando, Union                                   | .           |                    |                   |             | 12.4       |       | .5           |            |             |             | 9.1           |           | 25.4           |               |             | 121.           |
| Echagüe   | 2.3         | 37.3               |                   | 6.4         |            | 17.8  | 3            | 3.3        | 3.3         |             | 2.8           |           | 8.9            | 43. 2         |             | 55<br>263.     |
| Bontoc, Mountain Province                             |             | 31.3               |                   | .8          |            | 2.3   |              |            | 0.0         | .8          |               | 3.6       | 6.4            | 1.5           |             | 133.           |
| Candon  |             |                    |                   |             | 80         | 3.8   |              | 2.5        |             |             | 5.6           |           | 9.7            | 3             |             | . 121.         |
| Villavieja, Pilar, Abraa<br>Vigan                     |             | 5.1                |                   |             |            |       |              |            |             | 4.6         |               |           | 10.7           | .8            |             | 30.<br>96.     |
| Tuguegarao  | .           | .8                 |                   |             |            |       |              |            | 1.8         |             | 1.3           | 2.3       | 68.1           |               |             | 100.           |
| La Paz, Abraa   |             | 5.1                |                   |             | 24.9       |       |              |            |             |             |               | 7.1       | .8             |               | .8          | 121            |
| Laoag<br>Aparri                                       |             | .8                 | 3                 |             |            |       |              |            | 5.3<br>26.2 |             | 6.9           | 21.6      | .5             |               |             | 68.<br>54.     |
| Cape Bojeador   | 38.6        |                    | 22.4              |             |            |       |              |            |             |             |               |           | 8.9            |               |             | 69.            |
| Santo Domingo, Batanes                                | .           | 1                  |                   | 9.1         |            | 1     | .8           | 1          | 1           | ł           | 1             | ł.        | 4.7            | l             |             | 27.            |

<sup>&</sup>lt;sup>a</sup> Voluntary or coöperative station. <sup>b</sup> Rain in 24 hours beginning 8 a. m.

d 23 days of observation.
 e Amount rainfall corresponding from 7 to 19.

# BULLETIN FOR MAY, 1918.

# MAXIMUM AND MINIMUM TEMPERATURES AT THE STATIONS OF THE WEATHER BUREAU, MAY, 1918.

| _   | Jo   | lo.  | Isal<br>Basi   | ela,<br>ilan.  | Zamb   | oanga.   | Da   | vao.   | Cota  | bato.  | Camp<br>ley L   | Keith-<br>anao.  | Cag:<br>Miss  | ayan,<br>amis.   | Dap   | itan.   |
|---|--|--|--|--|--|--|--|--|---|--|---|--|---|--|---|---|
| Day.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Min<br>mui  |
|   | °C.  | °C.  | °C.  | °C.  | °C.  | °C.  | °C.  | °C.  | °C.   | °C.  | °C.   | °C.  | °C.   | °C.  | °C.   | °c  |
| 1   | 29.9   | 21.3   | 32.6   | 21.6   | 28.7   | 22.5   | 32.8   | 20, 3  | 32.5  | 22.4   |   |  | 31. 9   | 21.6   | 31.8  | 24. 1   |
| 2   | 31.6   | 22.7   | 33.1   | 22.6   | 29.8   | 22.8   | 31.5   | 21.3   | 33. 1   | 23   |   |  | 32.1  | 21.6   | 31  | 23.7  |
| 3   | 30.4   | 23. 1  | 33.6   | 22.1   | 30   | 23.4   | 31.5   | 20.9   | 33  | 21. 9  |   |  | 30.8  | 21.8   | 31.1  | 24.4  |
| 4   | 30.5   | 21.9   | 32.9   | 22.3   | 28. 4  | 23   | 30.2   | 22.5   | 32.1  | 23.4   |   |  | 31. 2   | 22.4   | 30.7  | 23.   |
| 5   | 31.6   | 22.3   | 34.9   | 21.3   | 29   | 23. 2  | 30.2   | 22   | 32.8  | 22.6   | ١   |  | 32.2  | 22.1   | 32.4  | 25.   |
| 6   | 30.5   | 23.6   | 31.6   | 23.1   | 29.2   | 24.2   | 28.1   | 22.9   | 32.6  | 23   |   |  | 33.3  | 22   | 32.1  | 26.   |
| 7   | 30.2   | 23.5   | 32.1   | 22.7   | 29.6   | 23.4   | 30.8   | 22.4   | 31.9  | 24   |   |  | 31.7  | 24   | 30.6  | 23.   |
| 8   | 29.4   | 23. 2  | 30.8   | 21.9   | 27.5   | 23.7   | 32   | 22.1   | 32.1  | 22.6   |   |  | 32  | 21.4   | 31.9  | 23.   |
| 9   | 30. 2  | 22.6   | 32. 1  | 21.7   | 30   | 23.3   | 31   | 23   | 32. 1   | 23.6   |   |  | 32. 2   | 23.6   | 32.3  | 23.   |
| .00   | 30   | 23.1   | 32.4   | 22.6   | 30.1   | 23.4   | 30. 4  | 23. 2  | 32  | 23   | 26.8  | 19.5   | 32. 1   | 23   | 31.6  | 23.   |
| 1   | 30.6   | 22.6   | 32.6   | 23.1   | 31   | 23. 7  | 32.2   | 22.5   | 32.5  | 22.5   | 28.3  | 19. 2  | 31. 9   | 22   | 31.9  | 22.   |
| 2   | 31.4   | 23   | 33. 9  | 23.6   | 31. 2  | 23.7   | 30.2   | 22.7   | 29. 2   | 23. 9  | 26.5  | 20   | 28.8  | 23   | 28. 1   | 23.   |
| 3   | 30.2   | 23.4   | 31.8   | 22.3   | 31. 1  | 23. 2  | 30. 9  | 23. 2  | 33. 4   | 23.1   | 27. 9   | 19.5   | 30. 9   | 22.5   | 31.6  | 22.   |
| 4   | 30.5   | 24.2   | 31.1   | 22.6   | 31. 7  | 22. 7  | 31.2   | 22.3   | 32.9  | 21   | 27.6  | 19.5   | 30.7  | 22.8   | 31.9  | 22.   |
| 5   | 30   | 23.6   | 32. 2  | 22.6   | 28.3   | 23.2   | 31.5   | 22   | 31  | 22.5   | 26.8  | 19.5   | 30. 5   | 22.8   | 31.8  | 23.   |
| 6   | 31   | 22.7   | 34.6   | 22.7   | 32. 4  | 22. 2  | 31.7   | 21.4   | 32. 5   | 23. 1  | 27. 5   | 19.2   | 31.3  | 22.5   | 32.2  | 22.   |
| 7   | 30.1   | 22.8   | 32.6   | 22. 6  | 28.6   | 23. 7  | 81.2   | 22   | 31.5  | 22. 6  | 27. 8   | 19.3   | 31.5  | 22.8   | 33.4  | 22.   |
| 8   | 31. 4  | 22. 2  | 31.6   | 21.3   | 29. 2  | 23. 1  | 29. 2  | 23. 2  | 30. 2   | 23. 8  | 25.8  | 20.3   | 31.8  | 24.4   | 32.7  | 22.   |
| 9   | 30. 2  | 22.1   | 34.9   | 23. 1  | 28. 2  | 23.6   | 31   | 21.5   | 31  | 22.2   | 28  | 18.7   | 31.1  | 21.7   | 33.4  | 23  |
| 0   | 31.5   | 21.3   | 34. 1  | 21. 1  | 30   | 22.9   | 31   | 21. 3  | 31.6  | 23.2   | 28  | 18. 5  | 31.5  | 22. 2  | 33  | 23.   |
| 1   | 30.5   | 22. 2  | 35.6   | 21. 6  | 29.2   | 22. 9  | 29.8   | 21.3   | 32  | 23. 4  | 27.7  | 18.5   | 31.8  | 22. 1  | 33  | 22  |
| 2   | 31.1   | 22. 2  | 35.1   | 22. 1  | 29.3   | 22. 5  | 31   | 22. 2  | 31. 9   | 23. 4  | 27.8  | 18.7   | 32. 4   | 22.5   | 34.1  | 22.<br>22   |
| 3   | 31.4   | 22.5   | 33.1   | 22. 1  | 29.5   | 22.9   | 31.9   | 22.3   | 31.8  | 23.9   | 28.8  | 18. 7  | 32. 6   | 22. 3  | 33.4  | 22  |
| 1<br>1  | 31. 2  | 23.3   | 30.9   | 22.4   | 29. 3  | 23.3   | 30. 9  | 22. 9  | 31.5  | 24.1   | 29.3  | 18.7   | 33.4  | 22. 6  | 33.8  | 23  |
|   | 30. 9  | 24.1   | 31   | 23.6   | 29. 1  | 24   | 31.9   | 23. 8  | 31.5  | 23. 5  | 28.3  | 18.6   | 32.7  | 22.8   | 33.7  | 22.   |
| 3   | 32. 4  | 23. 9  | 34.6   | 22.6   | 30.5   | 24   | 31.5   | 23   | 32  | 23. 2  | 28.1  | 20   | 33  | 23.6   | 33. 5   | 23.   |
| 7<br>7  | 31.7   | 23.6   | 33. 1  | 22. 1  | 28.8   | 24.5   | 31.9   | 22.5   | 31.2  | 23. 9  | 27. 8   | 21   | 32.6  | 24.1   | 33.7  | 23.   |
| 3   | 31. 4  | 23.9   | 32. 6  | 22. 5  | 29.7   | 23.4   | 32. 2  | 21   | 32.5  | 22.2   | 28. 8   | 18.4   | 33.5  | 22.5   | 32. 5   | 23.   |
| 9   | 30. 2  | 22.9   | 33. 9  | 22. 3  | 28.8   | 24   | 30.7   | 22.3   | 32.2  | 23. 2  | 28. 9   | 19.5   | 32.8  | 24.1   | 33.4  | 24  |
| )   | 31.8   | 22.3   | 32.6   | 22. 1  | 30   | 23.4   | 28. 4  | 22.6   | 31  | 23. 5  | 28.3  | 19.6   | 33. 1   | 22.5   | 33.4  | 22.   |
| ĭ   | 29.6   | 22.6   | 33. 1  | 22. 1  | 29. 2  | 22.5   | 30. 5  | 21.8   | 31.6  | 22.6   | 28.1  | 18.5   | 32.3  | 21.8   | 33.4  | 22.   |
| Mean  | 30.8   | 22. 9  | 32. 9  | 22.3   | 29.6   | 23.3   | 30. 9  | 22. 2  | 31.9  | 23   | 27. 9   | 19. 2  | 31. 9   | 22, 6  | 32. 4   | 23.   |
|   | But  | uan.   | Maml   | oajao.   | Duma   | guete.   | Yap, V<br>Caro   | Vestern<br>lines.  | Tagbi   | laran.   | Iwa   | hig.   | Sur   | igao.  | Maa   | sin.  |
| Day.  | Maxi-<br>mum.  | Mini-  | Maxi-  | Mini-  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-  | Maxi-   |   |
|   |  | mum.   | mum.   | mum.   |  |  |  | 1  |   |  |   |  |   |  |   |   |
|   |  |  |  |  |  |  |  |  |   |  |   |  |   |  |   | 0.0   |
|   | °C.  | •c.  | •c.  | ° <i>C</i> .   | °C.  | °C.  | °C.  | °C.  | °C.   | °C.  | °C.   | °C.  | °C.   | °C.  | °C.   | °C  |
|   | °C.  | °C.  | °C.<br>29. 7   | °C.<br>25, 6   | °C.<br>30. 1   | 24.8   | 32.8   | 24. 9  | 31.2  | 23   | 32.5  | 21.4   | 30.4  | °C.<br>23. 2   | 32.4  | 24  |
| 2 <b>-</b>  | °C.<br>32. 9<br>29. 2  | °C.<br>22<br>22. 7   | °C.<br>29. 7<br>29. 1  | °C.<br>25. 6<br>25. 6  | °C.<br>30. 1<br>30. 5  | 24. 8<br>24. 5   | 32. 8<br>32. 4   | 24. 9<br>25. 1   | 31. 2<br>30. 3  | 23<br>22. 4  | 32. 5<br>32   | 21. 4<br>20. 3   | 30. 4<br>28. 7  | °C.<br>23. 2<br>23   | 32. 4<br>31   | 24<br>23.   |
| 2<br>3  | °C.<br>32. 9<br>29. 2<br>32  | °C.<br>22<br>22. 7<br>22. 1  | °C.<br>29. 7<br>29. 1<br>29. 7   | °C.<br>25. 6<br>25. 6<br>23. 3   | °C.<br>30. 1<br>30. 5<br>30. 9   | 24. 8<br>24. 5<br>24. 5  | 32. 8<br>32. 4<br>32. 7  | 24. 9<br>25. 1<br>24. 5  | 31. 2<br>30. 3<br>30. 8   | 23<br>22. 4<br>22  | 32. 5<br>32<br>31. 4  | 21. 4<br>20. 3<br>22. 1  | 30. 4<br>28. 7<br>29. 4   | °C.<br>23. 2<br>23<br>22. 4  | 32. 4<br>31<br>32. 8  | 24<br>23.<br>23.  |
| }   | °C.<br>32. 9<br>29. 2<br>32<br>31. 6   | °C.<br>22<br>22. 7<br>22. 1<br>22. 9   | °C.<br>29. 7<br>29. 1<br>29. 7<br>30. 1  | °C.<br>25. 6<br>25. 6<br>23. 3<br>23. 7  | °C.<br>30. 1<br>30. 5<br>30. 9<br>30. 4  | 24. 8<br>24. 5<br>24. 5<br>24. 3   | 32. 8<br>32. 4<br>32. 7<br>29. 6   | 24. 9<br>25. 1<br>24. 5<br>25. 5   | 31. 2<br>30. 3<br>30. 8<br>30. 8  | 23<br>22. 4<br>22<br>23. 6   | 32. 5<br>32<br>31. 4<br>32. 1   | 21. 4<br>20. 3<br>22. 1<br>21. 5   | 30. 4<br>28. 7<br>29. 4<br>30. 4  | °C.<br>23. 2<br>23<br>22. 4<br>23. 2   | 32. 4<br>31<br>32. 8<br>33  | 24<br>23.<br>23.<br>23.   |
| 2<br>3<br>4<br>5  | °C. 32. 9 29. 2 32 31. 6 33. 6   | °C.<br>22<br>22. 7<br>22. 1<br>22. 9<br>22. 7  | °C.<br>29. 7<br>29. 1<br>29. 7<br>30. 1<br>31. 1   | °C.<br>25. 6<br>25. 6<br>23. 3<br>23. 7<br>24. 6   | °C.<br>30. 1<br>30. 5<br>30. 9<br>30. 4<br>30  | 24. 8<br>24. 5<br>24. 5<br>24. 3<br>24. 4  | 32. 8<br>32. 4<br>32. 7<br>29. 6<br>33. 3  | 24. 9<br>25. 1<br>24. 5<br>25. 5<br>24   | 31. 2<br>30. 3<br>30. 8<br>30. 8<br>31. 9   | 23<br>22. 4<br>22<br>23. 6<br>22. 8  | 32. 5<br>32<br>31. 4<br>32. 1<br>32   | 21. 4<br>20. 3<br>22. 1<br>21. 5<br>21. 4  | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>31. 4   | °C.<br>23. 2<br>23<br>22. 4<br>23. 2<br>22. 9  | 32. 4<br>31<br>32. 8<br>33<br>33  | 24<br>23.<br>23.<br>23.<br>23.  |
| }<br>}<br><br>6<br>   | °C.<br>32. 9<br>29. 2<br>32<br>31. 6   | °C.<br>22<br>22.7<br>22.1<br>22.9<br>22.7<br>22.9  | °C. 29.7 29.1 29.7 30.1 31.1 30.5  | °C.<br>25. 6<br>25. 6<br>23. 3<br>23. 7<br>24. 6<br>25. 5  | °C.<br>30. 1<br>30. 5<br>30. 9<br>30. 4<br>30<br>30. 7   | 24. 8<br>24. 5<br>24. 5<br>24. 3<br>24. 4<br>25. 5   | 32. 8<br>32. 4<br>32. 7<br>29. 6<br>33. 3<br>32. 2   | 24. 9<br>25. 1<br>24. 5<br>25. 5<br>24<br>23. 6  | 31. 2<br>30. 3<br>30. 8<br>30. 8<br>31. 9<br>32. 8  | 23<br>22. 4<br>22<br>23. 6<br>22. 8<br>22. 8   | 32. 5<br>32<br>31. 4<br>32. 1<br>32<br>31. 5  | 21. 4<br>20. 3<br>22. 1<br>21. 5<br>21. 4<br>22  | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>31. 4<br>30. 7  | °C. 23. 2 23 22. 4 23. 2 22. 9 24. 5   | 32. 4<br>31<br>32. 8<br>33<br>33<br>32. 5   | 24<br>23.<br>23.<br>23.<br>23.<br>23.   |
| 3   | °C. 32. 9 29. 2 32 31. 6 33. 6   | °C.<br>22<br>22. 7<br>22. 1<br>22. 9<br>22. 7  | °C. 29.7 29.1 29.7 30.1 31.1 30.5 30.6   | °C.<br>25. 6<br>25. 6<br>23. 3<br>23. 7<br>24. 6<br>25. 5<br>25. 1   | °C. 30. 1 30. 5 30. 9 30. 4 30 30. 7 30. 4   | 24. 8<br>24. 5<br>24. 5<br>24. 3<br>24. 4<br>25. 5<br>26. 1  | 32. 8<br>32. 4<br>32. 7<br>29. 6<br>33. 3<br>32. 2<br>32. 6  | 24. 9<br>25. 1<br>24. 5<br>25. 5<br>24<br>23. 6<br>25  | 31. 2<br>30. 3<br>30. 8<br>30. 8<br>31. 9<br>32. 8<br>31. 2   | 23<br>22. 4<br>22<br>23. 6<br>22. 8<br>22. 8<br>23. 8  | 32. 5<br>32<br>31. 4<br>32. 1<br>32<br>31. 5<br>32. 6   | 21. 4<br>20. 3<br>22. 1<br>21. 5<br>21. 4<br>22<br>21. 4   | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>31. 4<br>30. 7<br>31. 4   | °C. 23. 2 23 22. 4 23. 2 22. 9 24. 5 23. 5   | 32. 4<br>31<br>32. 8<br>33<br>33<br>32. 5<br>32. 6  | 24<br>23.<br>23.<br>23.<br>23.<br>23.<br>23.  |
| }<br>3<br>  | °C. 32.9 29.2 32 31.6 33.6 32.6  | °C.<br>22<br>22.7<br>22.1<br>22.9<br>22.7<br>22.9  | °C. 29.7 29.1 29.7 30.1 31.1 30.5 30.6 29.7  | °C.<br>25.6<br>25.6<br>23.3<br>23.7<br>24.6<br>25.5<br>25.1<br>23.3  | °C. 30. 1 30. 5 30. 9 30. 4 30 30. 7 30. 4 30. 4   | 24. 8<br>24. 5<br>24. 5<br>24. 3<br>24. 4<br>25. 5<br>26. 1<br>24. 2   | 32. 8<br>32. 4<br>32. 7<br>29. 6<br>33. 3<br>32. 2<br>32. 6<br>32. 2   | 24. 9<br>25. 1<br>24. 5<br>25. 5<br>24<br>23. 6<br>25<br>24. 5   | 31. 2<br>30. 3<br>30. 8<br>30. 8<br>31. 9<br>32. 8<br>31. 2<br>29. 4  | 23<br>22. 4<br>22<br>23. 6<br>22. 8<br>22. 8<br>23. 8<br>23. 5   | 32. 5<br>32<br>31. 4<br>32. 1<br>32<br>31. 5<br>32. 6<br>32. 1  | 21. 4<br>20. 3<br>22. 1<br>21. 5<br>21. 4<br>22<br>21. 4<br>22. 1  | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>31. 4<br>30. 7<br>31. 4<br>28. 1  | °C. 23. 2 23 22. 4 23. 2 22. 9 24. 5 23. 5 24. 2   | 32. 4<br>31<br>32. 8<br>33<br>33<br>32. 5<br>32. 6<br>34  | 24<br>23.<br>23.<br>23.<br>23.<br>23.<br>23.<br>23.   |
|   | °C.<br>32. 9<br>29. 2<br>32. 31. 6<br>33. 6<br>32. 6   | °C.<br>22<br>22. 7<br>22. 1<br>22. 9<br>22. 7<br>22. 9<br>23. 2  | °C. 29.7 29.1 29.7 30.1 31.1 30.5 30.6 29.7 30.1   | °C.<br>25.6<br>25.6<br>23.3<br>23.7<br>24.6<br>25.5<br>25.1<br>23.3<br>23.7  | °C. 30. 1 30. 5 30. 9 30. 4 30 30. 7 30. 4 30. 4 30. 3   | 24. 8<br>24. 5<br>24. 3<br>24. 4<br>25. 5<br>26. 1<br>24. 2<br>23. 4   | 32. 8<br>32. 4<br>32. 7<br>29. 6<br>33. 3<br>32. 2<br>32. 6<br>32. 2<br>32. 7  | 24. 9<br>25. 1<br>24. 5<br>25. 5<br>24<br>23. 6<br>25<br>24. 5<br>24. 5  | 31. 2<br>30. 3<br>30. 8<br>30. 8<br>31. 9<br>32. 8<br>31. 2<br>29. 4<br>30. 7   | 23<br>22. 4<br>22<br>23. 6<br>22. 8<br>22. 8<br>23. 8<br>23. 5<br>23. 1  | 32. 5<br>32. 1<br>32. 1<br>32. 1<br>32. 6<br>32. 6<br>32. 1<br>32. 1  | 21. 4<br>20. 3<br>22. 1<br>21. 5<br>21. 4<br>22<br>21. 4<br>22. 1<br>20. 9   | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>31. 4<br>30. 7<br>31. 4<br>28. 1<br>30. 9   | °C. 23. 2 23. 2 22. 4 23. 2 22. 9 24. 5 24. 2 24. 3  | 32. 4<br>31<br>32. 8<br>33<br>32. 5<br>32. 6<br>34<br>33. 4   | 24<br>23.<br>23.<br>23.<br>23.<br>23.<br>23.<br>23.<br>22.  |
|   | °C. 32.9 29.2 31.6 33.6 32.6   | °C. 22 22.7 22.1 22.9 22.7 22.9 23.2   | °C. 29.7 29.1 29.7 30.1 31.1 30.5 30.6 29.7 30.1   | °C. 25.6 25.6 23.3 23.7 24.6 25.5 25.1 23.3 23.7 23.9  | °C. 30. 1 30. 5 30. 9 30. 4 30 30. 7 30. 4 30. 3 30. 3   | 24. 8<br>24. 5<br>24. 5<br>24. 3<br>24. 4<br>25. 5<br>26. 1<br>24. 2<br>23. 4<br>22. 7   | 32. 8<br>32. 4<br>32. 7<br>29. 6<br>33. 3<br>32. 2<br>32. 6<br>32. 2<br>32. 7<br>31. 8   | 24. 9<br>25. 1<br>24. 5<br>25. 5<br>24<br>23. 6<br>25<br>24. 5<br>24. 6<br>24  | 31. 2<br>30. 3<br>30. 8<br>30. 8<br>31. 9<br>32. 8<br>31. 2<br>29. 4<br>30. 7<br>30. 9  | 23<br>22. 4<br>22<br>23. 6<br>22. 8<br>22. 8<br>23. 8<br>23. 5<br>23. 1<br>23. 1   | 32. 5<br>32. 1<br>32. 1<br>32. 1<br>32. 6<br>32. 1<br>32. 1<br>32. 1  | 21. 4<br>20. 3<br>22. 1<br>21. 5<br>21. 4<br>22<br>21. 4<br>22. 1<br>20. 9   | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>31. 4<br>30. 7<br>31. 4<br>28. 1<br>30. 9<br>31. 9  | °C. 23. 2 23. 4 23. 2 22. 4 23. 5 24. 5 24. 2 24. 3 23. 6  | 32. 4<br>31<br>32. 8<br>33<br>32. 5<br>32. 6<br>34<br>33. 4<br>33. 5  | 24<br>23.<br>23.<br>23.<br>23.<br>23.<br>23.<br>22.<br>22.  |
|   | °C.<br>32. 9<br>29. 2<br>32. 31. 6<br>33. 6<br>32. 6   | °C. 22 22. 7 22. 1 22. 9 22. 7 22. 9 23. 2 23. 4 22. 6   | °C. 29.7 29.1 29.7 30.1 31.1 30.5 30.6 29.7 30.1 30  | °C. 25.6 25.6 23.3 23.7 24.6 25.5 25.1 23.3 23.7 23.4  | °C. 30. 1 30. 5 30. 9 30. 4 30 30. 7 30. 4 30. 3 30. 3 29. 4   | 24. 8<br>24. 5<br>24. 5<br>24. 3<br>24. 4<br>25. 5<br>26. 1<br>24. 2<br>23. 4<br>22. 7   | 32. 8<br>32. 4<br>32. 7<br>29. 6<br>33. 3<br>32. 2<br>32. 6<br>32. 2<br>32. 7<br>31. 8<br>32. 5  | 24. 9<br>25. 1<br>24. 5<br>25. 5<br>24<br>23. 6<br>25<br>24. 5<br>24. 6<br>24<br>23. 9   | 31. 2<br>30. 3<br>30. 8<br>30. 8<br>31. 9<br>32. 8<br>31. 2<br>29. 4<br>30. 7<br>30. 9<br>30. 8   | 23<br>22. 4<br>22<br>23. 6<br>22. 8<br>22. 8<br>23. 8<br>23. 5<br>23. 1<br>23. 1   | 32. 5<br>32. 1<br>32. 1<br>32. 1<br>32. 6<br>32. 1<br>32. 1<br>32. 9<br>33. 6   | 21. 4<br>20. 3<br>22. 1<br>21. 5<br>21. 4<br>22<br>21. 4<br>22. 1<br>20. 9<br>22<br>21. 9  | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>31. 4<br>30. 7<br>31. 4<br>28. 1<br>30. 9<br>31. 9<br>28. 4   | °C. 23. 2 23. 4 23. 2 22. 9 24. 5 24. 5 24. 2 24. 3 23. 6 23. 3  | 32. 4<br>31<br>32. 8<br>33<br>32. 5<br>32. 6<br>34<br>33. 4<br>33. 5<br>29. 9   | 24<br>23.<br>23.<br>23.<br>23.<br>23.<br>22.<br>22.<br>22.  |
|   | °C. 32.9 29.2 31.6 33.6 32.6   | °C. 22 22. 7 22. 1 22. 9 23. 7 22. 9 23. 2 23. 4 22. 6 23. 3   | °C. 29. 7 29. 1 29. 7 30. 1 30. 5 30. 6 29. 7 30. 1 30. 6 25. 8  | °C. 25.6 25.6 23.3 23.7 24.6 25.5 25.1 23.3 23.7 23.7 23.7   | °C. 30.1 30.5 30.9 30.4 30.4 30.4 30.3 29.4 27.8   | 24. 8<br>24. 5<br>24. 5<br>24. 3<br>24. 4<br>25. 5<br>26. 1<br>24. 2<br>23. 4<br>22. 7<br>23. 2  | 32. 8<br>32. 4<br>32. 7<br>29. 6<br>33. 3<br>32. 2<br>32. 6<br>32. 2<br>32. 7<br>31. 8<br>32. 5<br>32. 3   | 24. 9<br>25. 1<br>24. 5<br>25. 5<br>24<br>23. 6<br>25<br>24. 5<br>24. 6<br>24<br>23. 9   | 31. 2<br>30. 3<br>30. 8<br>30. 8<br>31. 9<br>32. 8<br>31. 2<br>29. 4<br>30. 7<br>30. 9<br>30. 8<br>27. 1  | 23<br>22. 4<br>22<br>23. 6<br>22. 8<br>23. 8<br>23. 5<br>23. 1<br>23. 1<br>21. 8<br>23. 2  | 32. 5<br>32. 4<br>32. 1<br>32. 31. 5<br>32. 6<br>32. 1<br>32. 9<br>33. 6<br>32. 1   | 21. 4<br>20. 3<br>22. 1<br>21. 5<br>21. 4<br>22<br>21. 4<br>22. 1<br>20. 9<br>21. 9<br>21. 3   | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>31. 4<br>30. 7<br>31. 4<br>28. 1<br>30. 9<br>31. 9<br>28. 4<br>26. 1  | °C. 23. 2 23. 2 22. 4 23. 2 22. 9 24. 5 24. 5 24. 2 24. 3 23. 6 23. 6 23. 8  | 32. 4<br>31<br>32. 8<br>33<br>32. 5<br>32. 6<br>34<br>33. 4<br>33. 5<br>29. 9<br>31. 2  | 24<br>23.<br>23.<br>23.<br>23.<br>23.<br>22.<br>22.<br>23.<br>23.   |
|   | °C. 32.9 29.2 31.6 33.6 32.6   | °C. 22 22. 7 22. 1 22. 9 22. 7 22. 9 23. 4 22. 6 23. 3 23. 3   | °C. 29. 7 29. 1 29. 7 30. 1 31. 1 30. 5 30. 6 29. 7 30. 1 30. 30. 6 25. 8 30. 1  | °C. 25. 6 25. 6 23. 3 23. 7 24. 6 25. 1 23. 3 23. 7 23. 9 24. 4 23. 7 23. 2 2 23. 2 2 23. 2 2 23. 2 2 23. 2 2 23. 2 2 23. 2 2 23. 2 2 23. 2 2 2 2  | °C. 30. 1 30. 5 30. 9 30. 4 30 30. 7 30. 4 30. 3 30. 3 29. 4 27. 8   | 24. 8<br>24. 5<br>24. 5<br>24. 3<br>24. 4<br>25. 5<br>26. 1<br>24. 2<br>23. 4<br>22. 7<br>23. 2<br>23. 7   | 32. 8<br>32. 4<br>32. 7<br>29. 6<br>33. 3<br>32. 2<br>32. 6<br>32. 2<br>32. 7<br>31. 8<br>32. 5<br>32. 3<br>32. 1  | 24. 9<br>25. 1<br>24. 5<br>25. 5<br>24<br>23. 6<br>25<br>24. 5<br>24. 5<br>24. 6<br>24. 6<br>25<br>24. 9<br>25<br>26   | 31. 2<br>30. 3<br>30. 8<br>30. 8<br>31. 9<br>32. 8<br>31. 2<br>29. 4<br>30. 7<br>30. 9<br>30. 8<br>27. 1<br>30. 5   | 23<br>22. 4<br>22<br>23. 6<br>22. 8<br>23. 8<br>23. 5<br>23. 1<br>23. 1<br>21. 8<br>23. 2<br>23. 2   | 32. 5<br>32. 4<br>32. 1<br>32. 31. 5<br>32. 6<br>32. 1<br>32. 9<br>33. 6<br>32. 1<br>27. 5  | 21. 4<br>20. 3<br>22. 1<br>21. 5<br>21. 4<br>22<br>21. 4<br>22. 1<br>20. 9<br>21. 9<br>21. 3<br>20. 4  | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>31. 4<br>30. 7<br>31. 4<br>28. 1<br>30. 9<br>28. 4<br>26. 1<br>30. 3  | °C. 23. 2 23. 2 22. 4 23. 2 22. 9 24. 5 24. 5 24. 2 24. 3 23. 6 23. 3 23. 8 23. 3  | 32. 4<br>31<br>32. 8<br>33<br>32. 5<br>32. 6<br>34<br>33. 4<br>33. 5<br>29. 9<br>31. 2  | 24<br>23.<br>23.<br>23.<br>23.<br>23.<br>22.<br>22.<br>23.<br>23.<br>22.  |
|   | °C. 32. 9 29. 2 31. 6 33. 6 32. 6 34. 4 34. 2 28. 9 30. 9 34   | °C.<br>22<br>22. 7<br>22. 1<br>22. 9<br>22. 7<br>22. 9<br>23. 2<br>23. 4<br>22. 6<br>23. 3<br>23. 3<br>23. 3<br>22. 7  | °C. 29, 7 29, 1 29, 7 30, 1 31, 1 30, 5 30, 6 29, 7 30, 1 30 30, 6 25, 8 30, 1 29, 6   | °C. 25.6 25.6 23.3 23.7 24.6 25.5 25.1 23.7 23.9 24.4 23.7 23.2 23.2   | °C. 30.1 30.5 30.9 30.4 30 30.7 30.4 30.3 29.4 27.8 29   | 24. 8<br>24. 5<br>24. 5<br>24. 4<br>25. 5<br>26. 1<br>24. 2<br>23. 4<br>22. 7<br>23<br>23. 2<br>23. 7<br>21. 7   | 32. 8<br>32. 4<br>32. 7<br>29. 6<br>32. 2<br>32. 6<br>32. 2<br>32. 7<br>31. 8<br>32. 5<br>32. 3<br>32. 1<br>32. 2  | 24. 9<br>25. 1<br>24. 5<br>25. 5<br>24. 5<br>24. 5<br>24. 6<br>24<br>23. 9<br>25<br>26<br>25. 9  | 31. 2<br>30. 3<br>30. 8<br>30. 8<br>31. 9<br>32. 8<br>31. 2<br>29. 4<br>30. 7<br>30. 9<br>30. 8<br>27. 1<br>30. 5   | 23<br>22. 4<br>22. 8<br>22. 8<br>22. 8<br>23. 5<br>23. 1<br>21. 8<br>23. 2<br>23. 2<br>23. 1   | 32. 5<br>32. 4<br>32. 1<br>32. 5<br>32. 6<br>32. 1<br>32. 9<br>33. 6<br>32. 1<br>27. 5<br>31. 9   | 21. 4<br>20. 3<br>22. 1<br>21. 5<br>21. 4<br>22. 1<br>20. 9<br>21. 9<br>21. 3<br>20. 4<br>20. 2  | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>31. 4<br>30. 7<br>31. 4<br>28. 1<br>30. 9<br>31. 9<br>28. 4<br>26. 1<br>30. 3<br>31. 1  | °C. 23. 2 23. 2 22. 4 23. 2 22. 9 24. 5 23. 5 24. 2 24. 2 24. 3 23. 6 23. 3 23. 8 23. 8 23. 3 22. 8  | 32. 4<br>31<br>32. 8<br>33<br>32. 5<br>32. 6<br>34<br>33. 4<br>33. 5<br>29. 9<br>31. 2<br>32. 5   | 24<br>23.<br>23.<br>23.<br>23.<br>23.<br>22.<br>22.<br>23.<br>23.<br>23.  |
|   | °C. 32. 9 29. 2 31. 6 33. 6 32. 6 34. 4 34. 2 28. 9 30. 9 34 32. 6   | °C.<br>22<br>22. 7<br>22. 1<br>22. 9<br>22. 7<br>22. 9<br>23. 2<br>23. 2<br>23. 4<br>22. 6<br>23. 3<br>22. 3<br>22. 3  | °C. 29. 7 29. 1 29. 7 30. 1 31. 1 30. 5 30. 6 29. 7 30. 1 30. 6 25. 8 30. 1 29. 6 30. 2  | °C. 6 25. 6 23. 3 23. 7 24. 5 25. 1 23. 3 23. 7 24. 4 23. 7 23. 2 23. 2 23. 2 23. 2 23. 2 23. 2  | °C. 30.1 30.5 30.9 30.4 30.4 30.4 30.3 29.4 27.8 29 30 30.9  | 24. 8<br>24. 5<br>24. 5<br>24. 3<br>24. 4<br>25. 5<br>26. 1<br>24. 2<br>23. 4<br>22. 7<br>23<br>23. 2<br>23. 7<br>21. 7<br>23. 6   | 32. 8<br>32. 4<br>32. 7<br>29. 6<br>33. 2<br>32. 2<br>32. 7<br>31. 8<br>32. 5<br>32. 3<br>32. 1<br>32. 3<br>32. 1<br>32. 2<br>29. 5  | 24. 9<br>25. 1<br>24. 5<br>25. 5<br>24<br>23. 6<br>25<br>24. 5<br>24. 6<br>24<br>23. 9<br>25<br>26<br>26<br>27<br>28 9<br>28 9<br>28 9<br>28 9<br>28 9<br>28 9   | 31. 2<br>30. 3<br>30. 8<br>31. 9<br>32. 8<br>31. 2<br>29. 4<br>30. 9<br>30. 8<br>27. 1<br>30. 5<br>30. 7<br>31. 4   | 23<br>22. 4<br>22. 6<br>22. 8<br>22. 8<br>23. 8<br>23. 5<br>23. 1<br>21. 8<br>23. 2<br>23. 1<br>21. 6  | 32. 5<br>32. 1<br>32. 1<br>32. 6<br>32. 1<br>32. 9<br>33. 6<br>32. 1<br>32. 9<br>33. 6<br>32. 1<br>32. 9  | 21. 4<br>20. 3<br>22. 1<br>21. 5<br>21. 4<br>22<br>21. 4<br>22. 1<br>20. 9<br>21. 9<br>21. 3<br>20. 2<br>20. 7   | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>31. 4<br>28. 1<br>30. 9<br>31. 9<br>28. 4<br>26. 1<br>30. 3<br>31. 1<br>30. 9   | °C. 23. 2 23 22. 4 23. 2 22. 9 24. 5 24. 2 24. 3 23. 8 23. 8 23. 3 22. 8   | 32. 4<br>31<br>32. 8<br>33<br>32. 5<br>32. 6<br>34<br>33. 4<br>33. 5<br>29. 9<br>31. 2<br>31. 2<br>32. 5<br>32. 5   | 24<br>23.<br>23.<br>23.<br>23.<br>23.<br>22.<br>22.<br>23.<br>22.<br>23.<br>22.   |
|   | °C. 32. 9 29. 2 31. 6 33. 6 32. 6 32. 6 34. 4 34. 2 28. 9 30. 9 34. 6 32. 8  | °C.<br>22<br>22. 7<br>22. 1<br>22. 9<br>23. 2<br>23. 4<br>22. 6<br>23. 3<br>22. 7<br>22. 9   | *C. 29. 7 29. 1 29. 7 30. 1 31. 1 30. 5 30. 6 29. 7 30. 1 30 30. 6 30. 6 30. 2 30. 6   | °C.<br>25. 6<br>25. 6<br>23. 3<br>23. 7<br>24. 6<br>25. 5<br>25. 1<br>23. 7<br>23. 7<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>24. 6  | °C.<br>30. 1<br>30. 5<br>30. 9<br>30. 4<br>30. 3<br>30. 3<br>30. 3<br>29. 4<br>27. 8<br>29<br>30. 9<br>30. 9                                     | 24. 8<br>24. 5<br>24. 5<br>24. 4<br>25. 5<br>26. 1<br>24. 2<br>23. 4<br>22. 7<br>23. 2<br>23. 7<br>21. 7<br>23. 6  | 32. 8<br>32. 4<br>32. 7<br>29. 6<br>33. 3<br>32. 2<br>32. 6<br>32. 2<br>32. 5<br>32. 3<br>32. 1<br>32. 2<br>29. 5  | 24. 9<br>25. 1<br>24. 5<br>25. 5<br>24<br>23. 6<br>25<br>24. 5<br>24. 6<br>24<br>23. 9<br>25<br>26<br>25. 9<br>25<br>26<br>26. 9<br>26. 9<br>27<br>28. 9   | 31. 2<br>30. 3<br>30. 8<br>30. 8<br>31. 9<br>32. 8<br>31. 2<br>29. 4<br>30. 7<br>30. 5<br>30. 5<br>30. 5<br>30. 5   | 23 4<br>22 4<br>22 23 6<br>22 8<br>22 8<br>23 8<br>23 5<br>23 1<br>21 8<br>23 2<br>23 2<br>23 1<br>21 6<br>22 6  | 32. 5<br>31. 4<br>32. 1<br>32. 5<br>32. 6<br>32. 1<br>32. 9<br>33. 6<br>32. 1<br>27. 5<br>31. 9<br>32. 9  | 21. 4<br>20. 3<br>22. 1<br>21. 5<br>21. 4<br>22. 1<br>20. 9<br>21. 9<br>21. 3<br>20. 4<br>20. 2<br>20. 7<br>19. 7  | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>31. 4<br>28. 1<br>30. 7<br>31. 9<br>31. 9<br>31. 9<br>28. 4<br>26. 1<br>30. 3<br>31. 1<br>30. 9<br>29. 8  | °C. 23. 2 23. 4 23. 2 22. 9 24. 5 23. 5 24. 3 23. 6 23. 3 23. 8 23. 3 22. 8 22. 8 22. 8 23. 3  | 32. 4<br>31<br>32. 8<br>33<br>32. 5<br>32. 6<br>34<br>33. 4<br>33. 5<br>29. 9<br>31. 2<br>32. 9<br>32. 6  | 24<br>23.<br>23.<br>23.<br>23.<br>23.<br>22.<br>22.<br>23.<br>22.<br>23.<br>22.   |
|   | 32. 9<br>29. 2<br>31. 6<br>33. 6<br>32. 6<br>34. 4<br>34. 2<br>28. 9<br>30. 9<br>34<br>32. 6<br>32. 8<br>33. 3   | °C.<br>22<br>22. 7<br>22. 1<br>22. 9<br>22. 7<br>22. 9<br>23. 2<br>23. 3<br>22. 6<br>23. 3<br>22. 7<br>22. 3<br>22. 7<br>22. 3<br>22. 3  | *C 29. 7 29. 1 29. 7 30. 1 30. 5 30. 6 29. 7 30. 1 30. 6 25. 8 30. 2 30. 6 30. 2 30. 6 30. 2   | °C. 25.6 25.6 23.3 23.7 24.6 25.5 25.1 23.3 23.7 23.9 24.4 23.7 23.2 23.2 24.4 24.4  | °C. 30. 1 30. 5 30. 9 30. 4 30 30. 7 30. 4 30. 3 30. 3 30. 3 30. 3 30. 3 30. 3 30. 3 30. 4 27. 8 29 30. 9 30. 4 31                               | 24. 8<br>24. 5<br>24. 5<br>24. 4<br>25. 5<br>26. 1<br>24. 4<br>22. 7<br>23. 4<br>22. 7<br>23. 6<br>23. 6<br>23. 6  | 32. 8<br>32. 4<br>32. 7<br>29. 6<br>33. 3<br>32. 2<br>32. 6<br>32. 2<br>32. 7<br>31. 8<br>32. 5<br>32. 3<br>32. 1<br>32. 2<br>29. 5  | 24. 9<br>25. 1<br>24. 5<br>25. 5<br>24. 23. 6<br>24. 5<br>24. 6<br>24. 2<br>25. 9<br>25. 9<br>24. 4<br>24. 2   | 31. 2<br>30. 3<br>30. 8<br>30. 8<br>31. 9<br>32. 8<br>31. 2<br>29. 4<br>30. 7<br>30. 9<br>30. 5<br>30. 5<br>31. 2   | 23, 4<br>22, 4<br>22, 8<br>23, 6<br>22, 8<br>22, 8<br>23, 5<br>23, 1<br>23, 1<br>21, 8<br>23, 2<br>23, 1<br>21, 6<br>21, 6   | 32. 5<br>32. 4<br>32. 1<br>32. 31. 5<br>32. 6<br>32. 1<br>32. 1<br>32. 9<br>33. 6<br>32. 1<br>32. 9<br>33. 6<br>32. 1<br>32. 9<br>33. 6<br>32. 1<br>32. 9   | 21. 4<br>20. 3<br>22. 1<br>21. 5<br>21. 4<br>22. 4<br>22. 1<br>20. 9<br>21. 3<br>20. 4<br>20. 2<br>20. 7<br>19. 7<br>21. 4   | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>30. 7<br>31. 4<br>28. 1<br>30. 9<br>31. 9<br>28. 4<br>26. 1<br>30. 3<br>31. 1<br>30. 9<br>29. 8<br>28. 8  | °C.<br>23. 2<br>23. 4<br>23. 2<br>22. 9<br>24. 5<br>24. 2<br>24. 3<br>23. 8<br>23. 8<br>23. 8<br>22. 8<br>22. 8<br>22. 8<br>23. 3  | 32. 4<br>31<br>32. 8<br>33<br>32. 5<br>32. 6<br>34<br>33. 4<br>33. 4<br>33. 5<br>29. 9<br>31. 2<br>32. 5<br>32. 6<br>32. 6  | 24<br>23.<br>23.<br>23.<br>23.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>23   |
|   | °C.<br>32. 9<br>29. 2<br>31. 6<br>32. 6<br>32. 6<br>32. 6<br>34. 4<br>34. 2<br>28. 9<br>30. 9<br>34<br>32. 6<br>32. 8<br>33. 3                                     | °C.<br>22<br>22. 7<br>22. 9<br>22. 7<br>22. 9<br>23. 2<br>23. 4<br>22. 6<br>23. 3<br>23. 3<br>22. 3<br>22. 3<br>22. 9<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3  | *C 29. 7 29. 1 29. 7 30. 1 30. 5 30. 6 25. 8 30. 1 29. 6 30. 2 30. 6 30. 2 30. 6   | °C. 625.6623.3724.6625.5123.3723.7223.224.6423.7223.224.6423.7223.224.6424.47  | °C.<br>30. 1<br>30. 5<br>30. 9<br>30. 4<br>30. 3<br>30. 3<br>30. 3<br>29. 4<br>27. 8<br>29<br>30. 9<br>30. 9<br>30. 4                            | 24. 8<br>24. 5<br>24. 5<br>24. 4<br>25. 5<br>26. 1<br>24. 2<br>23. 4<br>22. 7<br>23. 2<br>23. 7<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 9   | 32. 8<br>32. 4<br>32. 7<br>29. 6<br>33. 3<br>32. 2<br>32. 6<br>32. 2<br>32. 5<br>32. 3<br>32. 1<br>32. 2<br>29. 5<br>31. 8   | 24. 9<br>25. 1<br>24. 5<br>25. 5<br>24. 6<br>25. 24. 6<br>24. 6<br>24. 9<br>25<br>26<br>26. 9<br>24. 4<br>24. 2<br>24. 2<br>24. 2<br>24. 2   | 31. 2<br>30. 3<br>30. 8<br>30. 8<br>31. 9<br>32. 8<br>31. 2<br>29. 4<br>30. 7<br>30. 8<br>27. 1<br>30. 7<br>31. 4<br>30. 5<br>31. 2   | 23, 4<br>22, 4<br>22, 8<br>22, 8<br>22, 8<br>23, 5<br>23, 5<br>23, 1<br>21, 8<br>23, 2<br>23, 1<br>21, 6<br>22, 6<br>21, 6<br>23, 6  | 32. 5<br>32. 4<br>32. 1<br>32. 5<br>32. 6<br>32. 1<br>32. 9<br>33. 6<br>32. 7<br>32. 9<br>32. 9<br>32. 9<br>32. 9   | 21. 4<br>20. 3<br>22. 1<br>21. 5<br>21. 4<br>22. 4<br>22. 1<br>20. 9<br>21. 9<br>21. 9<br>21. 3<br>20. 4<br>20. 2<br>20. 7<br>19. 7<br>21. 4   | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>30. 7<br>31. 4<br>28. 1<br>30. 9<br>31. 9<br>28. 4<br>26. 1<br>30. 9<br>29. 8<br>29. 8<br>28. 8   | °C.<br>23. 2<br>23. 4<br>23. 2<br>22. 9<br>24. 5<br>24. 5<br>24. 2<br>24. 3<br>23. 6<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 3<br>22. 8   | 32. 4<br>31<br>32. 8<br>33<br>32. 5<br>32. 6<br>34<br>33. 4<br>33. 4<br>33. 2<br>31. 2<br>31. 2<br>32. 5<br>32. 9<br>32. 6<br>33. 33. 33. 33. 33. 33. 33. 33. 33. 33.   | 24<br>23.<br>23.<br>23.<br>23.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>23   |
|   | °C. 32. 9 29. 2 32. 31. 6 33. 6 32. 6 34. 4 34. 2 28. 9 30. 9 34 32. 6 32. 8 33. 3. 3  | °C. 22 22. 7 22. 1 22. 9 22. 7 22. 9 23. 2 23. 4 22. 6 23. 3 22. 7 22. 3 22. 2 22. 3 22. 2 22. 6   | °C. 29. 7 29. 1 29. 7 30. 1 31. 1 30. 6 29. 7 30. 1 30. 6 29. 7 30. 1 29. 6 30. 2 30. 6 30. 2 30. 6  | °C. 25. 6 25. 6 25. 6 25. 3 23. 7 24. 6 5 1 23. 3 23. 7 24. 4 4 23. 2 23. 2 24. 4 4 23. 2 24. 4 23. 2 23. 2 24. 2 23. 2 24. 2 23. 2 24. 2 23. 2 24. 2 23. 2 24. 2 23. 2 24. 2 23. 2 24. 2 23. 2 2 24. 2 23. 2 24. 2 23. 2 23. 2 24. 2 23. 2 24. 2 23. 2 23. 2 24. 4 2 23. 2 23. 2 24. 4 2 23. 2 2 24. 4 2 23. 2 2 24. 4 2 23. 2 2 24. 4 2 23. 2 2 24. 4 2 23. 2 2 24. 4 2 23. 2 2 23. 2 2 24. 4 2 23. 2 2 23. 2 2 24. 4 4 2 23. 2 2 23. 2 2 24. 4 4 2 23. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2  | °C. 30. 1 30. 5 30. 9 30. 4 30 30. 7 30. 4 30. 3 30. 3 29. 4 27. 8 30 30. 9 30. 4 31 30 30. 6  | 24. 8<br>24. 5<br>24. 5<br>24. 3<br>24. 4<br>25. 5<br>26. 1<br>24. 2<br>23. 4<br>22. 7<br>23. 2<br>23. 7<br>21. 7<br>23. 6<br>23. 6<br>23. 6<br>23. 9<br>23. 3   | 32. 8<br>32. 4<br>32. 7<br>29. 6<br>33. 3<br>32. 2<br>32. 6<br>32. 2<br>32. 3<br>32. 1<br>32. 3<br>32. 1<br>32. 2<br>9. 3<br>31. 7   | 24. 9<br>25. 1<br>24. 5<br>25. 5<br>24. 6<br>25. 24. 6<br>24. 5<br>24. 5<br>26. 25. 9<br>25<br>26. 25. 9<br>24. 24<br>24. 2<br>23. 2<br>23. 2<br>22. 2   | 31. 2<br>30. 3<br>30. 8<br>30. 8<br>31. 9<br>32. 2<br>29. 4<br>30. 7<br>30. 5<br>30. 5<br>31. 2<br>30. 5<br>31. 2<br>30. 5  | 23, 4<br>22, 4<br>22, 8<br>22, 8<br>22, 8<br>23, 5<br>23, 5<br>23, 1<br>21, 8<br>23, 2<br>23, 1<br>21, 6<br>21, 6<br>21, 6<br>21, 6<br>22, 6   | 32. 5<br>32. 4<br>32. 1<br>32. 3<br>32. 5<br>32. 1<br>32. 1<br>32. 9<br>33. 6<br>32. 1<br>27. 5<br>31. 9<br>32. 7<br>32. 7<br>32. 8   | 21. 4<br>20. 3<br>22. 1<br>21. 5<br>21. 4<br>22. 1<br>20. 9<br>21. 3<br>20. 4<br>20. 2<br>20. 7<br>19. 7<br>21. 4<br>20. 4   | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>30. 7<br>31. 4<br>30. 9<br>31. 9<br>28. 1<br>30. 3<br>31. 1<br>30. 3<br>31. 1<br>30. 9<br>28. 8<br>29. 8<br>29. 8<br>31. 8  | °C. 23. 2 23. 4 23. 2 22. 9 24. 5 24. 2 24. 2 24. 3 23. 6 23. 3 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8  | 32. 4<br>31<br>32. 8<br>33<br>33<br>32. 5<br>32. 6<br>34<br>33. 4<br>33. 5<br>31. 2<br>31. 2<br>31. 2<br>32. 5<br>32. 5<br>31. 2<br>32. 5<br>32. 6  | 24<br>23.<br>23.<br>23.<br>23.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.  |
|   | *C. 32, 9 29, 2 32, 31, 6 33, 6 32, 6 32, 6 32, 6 32, 6 32, 8 33, 3 32, 4 33, 6 33, 8 33, 3 32, 4 33, 6  | °C. 22 22. 7 22. 1 22. 9 22. 7 22. 9 23. 2 23. 4 22. 6 23. 3 23. 3 22. 9 22. 3 22. 3 22. 9 22. 4   | °C. 29. 7 29. 1 29. 1 30. 1 30. 6 29. 7 30. 1 30. 6 29. 6 30. 2 30. 6 30. 2 30. 6 30. 2 30. 7 30. 8  | °C. 6 25. 6 25. 6 25. 6 23. 3 7 24. 6 5 25. 1 23. 3 7 24. 4 23. 7 23. 2 24. 4 23. 7 23. 2 24. 4 23. 7 23. 2 24. 2 23. 2 23. 2 24. 4 23. 7 23. 2 23. 2 23. 2 23. 2 24. 4 23. 7 23. 2 2 23. 2 2 23. 2 2 23. 2 2 23. 2 2 23. 2 2 23. 2 2 2 2  | °C. 30. 1 30. 5 30. 9 30. 4 30 30. 7 30. 4 30. 3 30. 3 29. 4 27. 8 29 30. 9 30. 4 31 30 30. 6 30. 6  | 24. 8<br>24. 5<br>24. 3<br>24. 4<br>25. 5<br>26. 1<br>24. 2<br>23. 4<br>22. 7<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 9<br>24. 1  | 32. 8<br>32. 4<br>32. 7<br>29. 6<br>33. 3<br>32. 2<br>32. 6<br>32. 2<br>32. 7<br>31. 8<br>32. 5<br>32. 1<br>32. 2<br>29. 5<br>31<br>29<br>30. 3<br>31. 7<br>30. 3  | 24. 9<br>25. 1<br>24. 5<br>25. 5<br>24. 6<br>25. 24. 6<br>24. 28. 9<br>25. 26<br>26. 25. 9<br>24. 4<br>24. 2<br>23. 2<br>22. 2<br>22. 5  | 31. 2<br>30. 3<br>30. 8<br>30. 8<br>31. 9<br>31. 2<br>29. 4<br>30. 7<br>30. 8<br>27. 1<br>30. 7<br>31. 4<br>30. 7<br>31. 2<br>31. 2<br>31. 2<br>31. 2   | 23. 4<br>22. 2<br>23. 6<br>22. 8<br>22. 8<br>23. 5<br>23. 1<br>21. 8<br>23. 2<br>23. 1<br>21. 6<br>21. 6<br>22. 6  | 32. 5<br>31. 4<br>32. 1<br>32. 5<br>32. 6<br>32. 1<br>32. 9<br>33. 6<br>32. 1<br>32. 9<br>32. 9<br>32. 9<br>32. 9<br>32. 8<br>32. 8<br>32. 8<br>33. 6   | 21. 4<br>20. 3<br>22. 1<br>21. 5<br>21. 4<br>22. 1<br>20. 9<br>21. 9<br>21. 3<br>20. 4<br>20. 2<br>20. 7<br>21. 4<br>20. 4<br>21. 4<br>21. 1   | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>31. 4<br>30. 7<br>31. 4<br>28. 1<br>30. 9<br>28. 4<br>26. 1<br>30. 9<br>29. 8<br>29. 8<br>31. 9   | °C. 23. 2 23. 4 23. 2 22. 4 23. 2 22. 9 24. 5 24. 3 23. 6 23. 3 23. 8 22. 8 23. 3 22. 8 23. 3 22. 8 22. 9  | 32. 4<br>31<br>32. 8<br>33<br>32. 5<br>32. 6<br>34<br>33. 4<br>33. 5<br>29. 9<br>31. 2<br>32. 5<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>33. 33. 5<br>32. 6<br>33. 33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>34. 5<br>35. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>3   | 24<br>23.<br>23.<br>23.<br>23.<br>22.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>23   |
|   | 32. 9<br>29. 2<br>32. 31. 6<br>33. 6<br>32. 6<br>32. 6<br>32. 8<br>33. 3<br>34. 4<br>34. 2<br>28. 9<br>30. 9<br>34. 6<br>32. 8<br>32. 8<br>33. 3<br>32. 4<br>33. 6 | °C. 22 22. 7 22. 1 22. 9 22. 7 22. 9 23. 2 23. 4 22. 6 23. 3 22. 7 22. 3 22. 3 22. 3 22. 6 22. 4   | °C. 29. 7 29. 1 29. 7 29. 1 30. 1 31. 1 30. 6 29. 7 30. 1 30. 6 29. 7 30. 1 29. 6 30. 2 30. 6 30. 2 30. 7 30. 8 30. 7 30. 8  | °C. 25. 6 25. 6 25. 6 25. 6 25. 6 25. 6 25. 6 25. 7 24. 6 5 25. 1 25. 27. 27. 27. 27. 27. 27. 27. 27. 27. 27   | °C. 30. 1 30. 5 30. 9 30. 4 30. 7 30. 4 30. 3 30. 3 30. 3 29. 4 27. 8 29 30. 9 30. 4 31 30. 6 30. 6 30. 4 31. 4                                  | 24. 8<br>24. 5<br>24. 3<br>24. 4<br>25. 5<br>26. 1<br>24. 2<br>23. 4<br>22. 7<br>23. 2<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 9<br>23. 3<br>24. 1<br>24?   | 32. 8<br>32. 4<br>32. 7<br>33. 3<br>32. 2<br>32. 6<br>32. 2<br>32. 7<br>31. 8<br>32. 5<br>32. 3<br>32. 1<br>32. 2<br>29. 5<br>31. 7<br>30. 3<br>31. 7<br>30. 3   | 24. 9<br>25. 1<br>24. 5<br>25. 5<br>24. 6<br>24. 5<br>24. 6<br>24. 2<br>23. 9<br>25<br>24. 4<br>24. 2<br>24. 2<br>22. 2<br>22. 5<br>24. 5  | 31. 2<br>30. 3<br>30. 8<br>30. 8<br>31. 9<br>32. 2<br>29. 4<br>30. 7<br>30. 8<br>27. 1<br>30. 5<br>31. 4<br>30. 5<br>31. 4<br>30. 8<br>31. 5  | 23, 4<br>22, 4<br>22, 6<br>22, 8<br>23, 8<br>23, 1<br>23, 1<br>21, 6<br>22, 6<br>21, 6<br>22, 6<br>22, 6<br>22, 6<br>22, 6<br>21, 4  | 32. 5<br>31. 4<br>32. 1<br>32. 3<br>32. 5<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 2<br>31. 5<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>33. 1<br>34. 1<br>35. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1 | 21. 4<br>20. 3<br>22. 1<br>21. 5<br>21. 4<br>22. 1<br>20. 9<br>21. 3<br>20. 4<br>20. 2<br>20. 7<br>19. 7<br>21. 4<br>21. 4<br>21. 4<br>21. 4<br>21. 4<br>21. 4<br>21. 4  | 30, 4<br>28, 7<br>29, 4<br>30, 4<br>31, 4<br>30, 7<br>31, 4<br>28, 1<br>30, 9<br>28, 4<br>26, 1<br>30, 9<br>29, 8<br>29, 8<br>31, 8<br>29, 8<br>31, 8<br>29, 8<br>31, 8<br>29, 8  | °C. 23. 2 23. 4 22. 4 23. 2 22. 9 24. 5 24. 2 24. 2 24. 3 23. 6 23. 3 22. 8 23. 3 22. 8 23. 3 22. 8 22. 8 23. 3 22. 8 22. 8 23. 3 22. 8 22. 8 23. 3 22. 8 23. 3 22. 8 23. 3 22. 8 23. 3 22. 8  | 32. 4<br>31. 8<br>32. 8<br>33. 33. 5<br>32. 5<br>32. 6<br>33. 4<br>33. 4<br>33. 5<br>29. 9<br>31. 2<br>32. 5<br>32. 6<br>32. 6<br>33. 32. 5<br>32. 6<br>33. 32. 5<br>32. 5<br>32. 6<br>33. 32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 6<br>33. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 6<br>33. 5<br>34. 6<br>35. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36            | 24<br>23.<br>23.<br>23.<br>23.<br>22.<br>22.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>23  |
|   | *C. 32. 9 29. 2 31. 6 33. 6 32. 6 32. 6 32. 6 32. 6 32. 6 32. 6 32. 8 33. 3 32. 4 33. 6 34. 3  | °C. 22 22.7 22.1 22.9 22.7 22.9 23.2 23.4 22.6 23.3 23.3 22.7 22.3 22.3 22.4 22.4 23   | °C. 29.7 29.7 30.1 31.1 30.5 30.6 29.7 30.1 30.6 25.8 30.1 30.6 25.8 30.2 30.6 30.2 30.7 30.8 30.5   | °C. 66 6 25. 3 23. 7 6 25. 1 3 23. 7 9 4 25. 1 3 23. 2 24. 4 4 23. 2 2 23. 2 2 2 2   | °C. 30. 1 30. 5 30. 9 30. 4 30. 3 30. 3 30. 3 29. 4 27. 8 29 30. 9 30. 4 31. 30 30. 6 30. 4 31. 4 31. 4 30. 9                                    | 24. 8<br>24. 5<br>24. 5<br>24. 3<br>24. 4<br>25. 5<br>26. 1<br>24. 2<br>23. 4<br>22. 7<br>23. 6<br>23. 6<br>23. 6<br>23. 3<br>24. 1<br>24.?<br>28  | 32. 8<br>32. 4<br>32. 7<br>29. 6<br>33. 3<br>32. 2<br>32. 6<br>32. 2<br>32. 5<br>32. 5<br>32. 2<br>29. 5<br>30. 2<br>31. 7<br>30. 2<br>31. 7   | 24. 9<br>25. 1<br>24. 5<br>25. 5<br>24. 6<br>25<br>24. 6<br>24. 2<br>28. 9<br>25<br>26. 9<br>24. 2<br>24. 2<br>24. 2<br>22. 2<br>22. 2<br>22. 5  | 31. 2<br>30. 3<br>30. 8<br>31. 9<br>31. 2<br>29. 4<br>30. 7<br>30. 9<br>30. 8<br>27. 1<br>30. 7<br>31. 2<br>31. 2<br>31. 2<br>31. 2<br>31. 2<br>31. 2<br>31. 2<br>31. 2<br>31. 2<br>31. 2<br>31. 2<br>31. 2<br>31. 2<br>31. 2<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>3<br>3. 3<br>3.   | 23, 4<br>22, 4<br>22, 6<br>22, 8<br>23, 8<br>23, 5<br>23, 1<br>21, 8<br>23, 1<br>21, 8<br>23, 1<br>21, 6<br>21, 6<br>22, 6<br>22, 6<br>22, 6<br>22, 6<br>22, 6<br>22, 6<br>22, 6   | 32. 5<br>31. 4<br>32. 1<br>32. 5<br>32. 6<br>32. 1<br>32. 9<br>33. 6<br>32. 1<br>32. 9<br>33. 6<br>32. 7<br>31. 9<br>32. 7<br>32. 8<br>32. 8<br>33. 6<br>33. 6<br>33. 6   | 21. 4<br>20. 3<br>22. 1<br>21. 5<br>21. 4<br>22. 2<br>21. 4<br>22. 9<br>21. 3<br>20. 4<br>20. 7<br>21. 4<br>20. 7<br>21. 4<br>20. 4<br>20. 7<br>21. 4<br>20. 4<br>20. 5  | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>31. 4<br>28. 1<br>30. 7<br>31. 9<br>28. 4<br>26. 1<br>30. 3<br>31. 1<br>30. 9<br>29. 8<br>28. 8<br>29. 8<br>29. 8<br>31. 8<br>29. 9<br>30. 9  | °C. 28. 2 23. 2 22. 4 23. 2 22. 9 24. 5 24. 3 23. 6 23. 6 23. 8 23. 8 23. 8 22. 8 23. 3 22. 8 22. 9 22. 8  | 32. 4<br>31<br>32. 8<br>33<br>33<br>32. 5<br>32. 6<br>34<br>33. 5<br>29. 9<br>31. 2<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5 | 24<br>23.<br>23.<br>23.<br>23.<br>22.<br>22.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>23  |
| 2 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5                                     | *C. 32.9 29.2 31.6 32.6 32.6 32.6 32.4 33.3 32.4 33.4 33.4 33.4 33.4 33.4  | °C. 22 22. 7 22. 9 23. 2 22. 6 23. 3 22. 9 22. 3 22. 9 22. 4 22. 4 23. 22. 4 23. 22. 8   | *C. 29, 7 29, 7 30, 1 30, 5 30, 6 29, 7 30, 1 30, 6 25, 8 30, 6 30, 2 30, 6 30, 2 30, 7 30, 8 30, 7 30, 8 30, 5 31, 5 32, 2  | °C. 66 25.6 3 23.7 6 25.6 5 25.1 23.3 7 9 24.4 7 23.2 23.2 24.4 4 23.7 23.2 23.2 24.4 23.2 23.2 23.2 23.2 23.2   | °C. 30. 1 30. 5 30. 9 30. 4 30. 3 30. 7 30. 4 30. 3 30. 9 30. 4 27. 8 29 30 30. 9 30. 6 30. 6 30. 4 31. 4 30. 9                                  | 24. 8<br>24. 5<br>24. 3<br>24. 4<br>25. 5<br>26. 1<br>24. 2<br>23. 7<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 5   | 32. 8<br>32. 4<br>32. 7<br>29. 6<br>33. 3<br>32. 2<br>32. 6<br>32. 2<br>32. 5<br>32. 3<br>32. 1<br>32. 2<br>29. 5<br>31. 7<br>30. 2<br>31. 7<br>31. 7<br>31. 2   | 24 9<br>25. 1<br>24. 5<br>25. 5<br>24. 6<br>25. 24. 6<br>24. 6<br>24. 28. 9<br>25. 26. 9<br>24. 4<br>24. 2<br>22. 2<br>22. 2<br>24. 2<br>25. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>2    | 31. 2<br>30. 8<br>30. 8<br>31. 9<br>31. 2<br>29. 4<br>30. 7<br>30. 5<br>30. 5<br>31. 4<br>30. 5<br>31. 4<br>30. 5<br>31. 4<br>30. 5<br>31. 7<br>31. 7   | 23. 4<br>22. 4<br>23. 6<br>22. 8<br>23. 8<br>23. 1<br>23. 1<br>23. 2<br>23. 1<br>21. 6<br>22. 6<br>22. 6<br>21. 4<br>22. 5<br>23. 1  | 32. 5<br>31. 4<br>32. 1<br>32. 5<br>32. 6<br>32. 1<br>32. 9<br>32. 9<br>32. 7<br>32. 9<br>32. 7<br>32. 8<br>32. 8<br>32. 6<br>32. 7<br>32. 8<br>32. 6<br>32. 7<br>32. 8<br>32. 8<br>32. 8   | 21. 4<br>20. 3<br>22. 1<br>21. 5<br>21. 4<br>22. 1<br>20. 9<br>22. 9<br>21. 3<br>20. 4<br>20. 7<br>19. 7<br>21. 1<br>20. 4<br>21. 1<br>21. 1<br>20. 9  | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>31. 4<br>28. 1<br>30. 9<br>31. 9<br>28. 4<br>30. 3<br>31. 1<br>30. 9<br>29. 8<br>29. 8<br>31. 8<br>29. 8<br>31. 8<br>29. 8<br>31. 9   | °C. 23. 2 23. 2 22. 4 23. 2 24. 5 23. 5 24. 5 24. 2 24. 3 23. 8 22. 8  | 32. 4<br>31. 32. 8<br>33. 33. 32. 5<br>32. 6<br>34. 33. 4<br>33. 4<br>33. 5<br>29. 9<br>31. 2<br>31. 2<br>32. 6<br>32. 9<br>32. 6<br>33. 33. 33. 5<br>33. 5<br>33. 5<br>34. 35. 8   | 24<br>23.<br>23.<br>23.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>23  |
| 2 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5                                     | °C. 32.9 2 32.6 33.6 32.6 32.6 32.6 32.8 33.3 34.4 33.6 32.4 33.6 34.3 32.4 33.6 34.6 34.7   | °C. 22 22. 7 22. 9 22. 9 23. 2 22. 9 23. 2 23. 4 22. 4 22. 3 22. 3 22. 3 22. 3 22. 4 22. 4 22. 4 22. 4 22. 4   | *C. 29, 7 29, 7 29, 7 30, 1 30, 5 30, 6 20, 7 30, 1 30, 6 25, 8 30, 2 30, 6 30, 2 30, 7 30, 8 30, 7 30, 8 30, 5 31, 5 32, 2 32, 3  | °C. 66 6 25. 3 23. 7 6 25. 1 3 25. 5 1 3 25. 5 1 3 25. 2 25. | °C. 30. 1 30. 5 30. 9 30. 4 30. 3 30. 3 30. 3 29. 4 30. 9 30. 6 30. 4 31. 3  | 24. 8<br>24. 5<br>24. 5<br>24. 3<br>25. 5<br>26. 1<br>24. 2<br>23. 7<br>21. 7<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 9<br>23. 3<br>24. 2<br>23. 2<br>23. 5<br>24. 2<br>23. 5<br>24. 2<br>25. 5<br>25. 5<br>25. 5<br>25. 5<br>25. 5<br>25. 5<br>25. 5<br>25. 5<br>25. 5<br>25. 5<br>25. 5<br>25. 5<br>25. 5<br>25. 5<br>25. 5<br>25. 5<br>25. 5<br>25. 5<br>25. 5<br>25. 5<br>25. 5<br>26. 5<br>26. 5<br>26. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5  | 32. 8<br>32. 4<br>32. 7<br>29. 6<br>33. 3<br>32. 6<br>32. 2<br>31. 8<br>32. 3<br>32. 1<br>32. 2<br>31. 7<br>30. 2<br>31. 7<br>31. 7<br>31. 6   | 24. 9<br>25. 1<br>24. 5<br>25. 5<br>24. 6<br>24. 6<br>25<br>24. 6<br>25<br>24. 6<br>25<br>24. 6<br>25<br>24. 2<br>25<br>26<br>25<br>24. 2<br>25<br>26<br>25<br>26<br>25<br>26<br>27<br>28<br>28<br>29<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20  | 31. 2<br>30. 8<br>30. 8<br>31. 9<br>32. 8<br>31. 2<br>29. 4<br>30. 9<br>30. 5<br>30. 5<br>31. 4<br>30. 5<br>31. 4<br>30. 8<br>31. 5<br>31. 4<br>31. 7<br>32. 9<br>31. 4   | 23 4<br>22 4<br>22 23.6<br>22.8<br>23.5<br>23.1<br>23.1<br>21.8<br>23.2<br>23.1<br>21.6<br>22.6<br>22.6<br>22.6<br>22.6<br>22.6<br>22.6<br>22  | 32. 5<br>31. 4<br>32. 1<br>32. 5<br>32. 6<br>32. 1<br>32. 9<br>33. 6<br>32. 7<br>31. 5<br>32. 9<br>32. 7<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>33. 6<br>32. 7<br>33. 1<br>33. 1<br>33. 1<br>33. 1<br>33. 1<br>33. 1<br>33. 1<br>33. 1<br>33. 1<br>33. 1<br>33. 1<br>33. 1<br>33. 1<br>33. 1<br>33. 1<br>33. 1<br>34. 1<br>35. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1<br>36. 1 | 21. 4<br>20. 3<br>22. 1<br>21. 5<br>21. 4<br>22. 2<br>21. 4<br>22. 1<br>20. 9<br>21. 3<br>20. 4<br>20. 7<br>19. 7<br>21. 4<br>21. 1<br>20. 9<br>20. 6  | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>31. 4<br>28. 1<br>30. 7<br>31. 9<br>28. 4<br>26. 1<br>30. 3<br>31. 1<br>30. 3<br>29. 8<br>29. 8<br>29. 8<br>31. 8<br>29. 9<br>30. 9<br>31. 8  | °C. 23. 2 23 22. 4 23. 2 22. 9 24. 5 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 7 22. 7 21. 9   | 32. 4<br>32. 8<br>33. 33<br>33. 5<br>32. 5<br>32. 6<br>34. 33. 4<br>33. 5<br>31. 2<br>32. 5<br>32. 9<br>31. 2<br>32. 5<br>32. 6<br>33. 33. 5<br>33. 5<br>33. 5<br>33. 5   | 24<br>23.<br>23.<br>23.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>23  |
| 2 3 3 4 4 5 5 5 6 6 7 7 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9                   | *C. 32.9 29.29.2 31.6 32.6 32.6 32.6 32.8 33.3 32.4 33.4 434.2 28.9 30.9 34.6 32.8 33.3 32.4 33.6 34.7 35.1  | °C. 22 22. 7 22. 9 23. 2 23. 4 22. 6 23. 3 22. 7 22. 9 22. 3 22. 3 22. 4 22. 4 22. 4 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8   | *C. 29, 7 29, 1 30, 1 30, 5 30, 6 25, 8 30, 1 29, 6 30, 2 30, 6 30, 2 30, 7 30, 8 30, 5 31, 5 32, 2 32, 3  | °C. 66 23. 3 24. 625. 5 1 23. 3 24. 4 7 23. 2 24. 6 4 23. 2 24. 6 22. 2 24. 2  | °C. 30. 1 30. 5 30. 9 30. 4 30. 3 30. 7 30. 4 30. 3 29. 4 27. 8 30. 9 30. 4 31. 3 31. 3 31. 3  | 24. 8<br>24. 5<br>24. 3<br>24. 3<br>25. 5<br>26. 1<br>22. 2<br>23. 4<br>22. 7<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 2<br>24. 2<br>25. 5<br>26. 2<br>27. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 28. 28. 28. 28. 28. 28. 28. 28. 28.  | 32. 8<br>32. 7<br>29. 6<br>33. 3<br>32. 2<br>32. 6<br>32. 7<br>31. 8<br>32. 1<br>32. 3<br>32. 1<br>32. 3<br>32. 1<br>32. 3<br>32. 1<br>32. 3<br>32. 1<br>32. 3<br>32. 1<br>32. 3<br>32. 1<br>32. 3<br>32. 1<br>32. 3<br>32. 1<br>32. 3<br>32. 1<br>32. 3<br>32. 3<br>32. 1<br>32. 3<br>32. 1<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3 | 24. 9<br>25. 1<br>24. 5<br>25. 5<br>24. 6<br>25. 24. 6<br>24. 9<br>25<br>26. 25. 9<br>24. 4<br>24. 2<br>22. 2<br>22. 5<br>24. 8<br>25. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>27. 6<br>28. 6<br>29. 6<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>20. 7<br>2 | 31, 2<br>30, 8<br>30, 8<br>31, 9<br>32, 8<br>31, 2<br>29, 4<br>30, 7<br>30, 8<br>30, 5<br>31, 4<br>30, 5<br>31, 4<br>30, 5<br>31, 5<br>31, 5<br>31, 5<br>31, 5<br>31, 5<br>31, 7<br>32, 32, 32, 32, 32, 32, 32, 32, 32, 32,   | 23 4<br>22 4<br>23 6<br>22 8<br>23 8<br>23 8<br>23 1<br>23 1<br>21 8<br>23 2<br>23 1<br>21 6<br>21 6<br>21 6<br>22 6<br>21 6<br>22 6<br>21 4<br>22 5<br>23 1<br>23 1<br>24 2<br>25 6<br>26 2<br>27 6<br>28 6<br>28 6<br>28 6<br>28 6<br>28 6<br>28 6<br>28 6<br>28   | 32. 5<br>32. 4<br>32. 1<br>32. 5<br>32. 6<br>32. 1<br>32. 9<br>32. 9<br>32. 9<br>32. 9<br>32. 2<br>32. 8<br>32. 2<br>32. 8<br>33. 6<br>33. 6<br>33. 6<br>33. 7<br>33. 8<br>33. 7<br>33. 8<br>33. 8<br>33. 8<br>33. 8<br>33. 8<br>33. 8<br>33. 8<br>33. 8<br>33. 8<br>33. 8<br>33. 8<br>33. 8<br>33. 8<br>34. 8<br>35. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8 | 21. 4<br>20. 3<br>21. 5<br>21. 5<br>21. 4<br>22. 1<br>22. 1<br>20. 9<br>21. 3<br>20. 4<br>20. 2<br>20. 7<br>119. 7<br>21. 4<br>20. 4<br>21. 1<br>21. 1<br>21. 1<br>20. 9<br>20. 9  | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>31. 4<br>28. 1<br>30. 9<br>31. 9<br>26. 1<br>30. 9<br>29. 8<br>29. 8<br>31. 8<br>29. 9<br>30. 3<br>31. 8<br>31. 8<br>31. 9  | °C. 23. 2 23. 2 22. 4 23. 2 22. 9 24. 5 24. 2 24. 3 23. 6 23. 3 22. 8 23. 3 22. 6 22. 9 22. 8 22. 7 21. 9 22. 9 22. 9  | 32. 4<br>31. 32. 8<br>33. 33. 33. 33. 33. 5<br>32. 6<br>34. 33. 4<br>33. 5<br>31. 2<br>31. 2<br>31. 2<br>32. 9<br>32. 6<br>32. 9<br>32. 6<br>33. 33. 5<br>33. 1<br>34. 8<br>35. 35. 2   | 24<br>23.<br>23.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>23   |
| 2 3 3 4 4 5 5 5 6 6 7 7 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9                   | °C. 9 32.9 2 32.6 33.6 6 32.6 33.4 4 34.2 9 30.9 34.6 32.8 32.4 33.6 34.6 34.7 35.1  | °C. 22 22. 7 22. 1 22. 9 22. 7 22. 23. 4 22. 6 22. 4 22. 4 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 23. 6   | *C. 29, 7 29, 7 30, 1 1 30, 5 29, 7 30, 1 30, 6 29, 7 30, 1 25, 8 30, 1 29, 6 30, 2 30, 6 30, 2 30, 7 30, 8 31, 5 32, 2 32, 3 32, 9 34, 2  | °C. 66 23.37 6 5 25.66 23.37 9 4 4 7 2 25.66 23.37 9 24 4 7 2 25.23.20 6 2 6 2 6 2 6 2 6 2 6 2 6 2 6 2 6 2 6   | °C. 30. 15 30. 9 30. 4 30. 4 30. 4 30. 3 30. 3 29. 4 30. 3 30. 9 30. 4 31. 3 31. 3 31. 3 31. 3   | 24. 8<br>24. 5<br>24. 3<br>24. 3<br>25. 5<br>26. 1<br>22. 3<br>23. 4<br>22. 3<br>23. 7<br>21. 7<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 2<br>24. 2<br>25. 5<br>26. 1<br>26. 1<br>27. 28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28 | 32. 8<br>32. 7<br>29. 6<br>32. 2<br>32. 2<br>32. 2<br>32. 2<br>32. 5<br>32. 2<br>29. 3<br>31. 7<br>30. 2<br>31. 7<br>31. 7<br>31. 5<br>31. 7<br>31. 5  | 24. 9<br>24. 15<br>24. 5<br>24. 5<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 2<br>25. 9<br>24. 2<br>24. 2<br>22. 2<br>22. 2<br>24. 8<br>25. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8 | 31. 2<br>30. 8<br>30. 8<br>31. 9<br>32. 8<br>31. 2<br>32. 8<br>31. 2<br>30. 7<br>30. 8<br>27. 1<br>30. 7<br>31. 4<br>31. 5<br>31. 7<br>32. 8<br>31. 2<br>31. 2<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3  | 23 4<br>22 23.6<br>22.8<br>22.8<br>23.5<br>23.1<br>21.8<br>23.1<br>21.8<br>23.1<br>21.6<br>22.6<br>22.6<br>22.6<br>22.6<br>22.6<br>22.6<br>22  | 32. 5<br>32. 4<br>32. 1<br>32. 5<br>32. 6<br>32. 1<br>32. 1<br>32. 1<br>32. 7<br>31. 9<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>33. 6<br>32. 8<br>33. 8<br>33. 8<br>33. 8<br>33. 8<br>33. 8<br>33. 8<br>33. 8<br>33. 8<br>34. 8<br>35. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8 | 21. 4<br>20. 3<br>22. 1<br>21. 5<br>21. 5<br>22. 1<br>20. 9<br>21. 3<br>20. 2<br>20. 7<br>21. 4<br>20. 7<br>21. 1<br>20. 9<br>21. 1<br>20. 9<br>21. 1<br>20. 9<br>21. 1<br>20. 9<br>21. 1<br>20. 2<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 5<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6  | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>31. 4<br>28. 1<br>30. 9<br>31. 9<br>28. 8<br>28. 8<br>29. 8<br>30. 9<br>31. 8<br>29. 8<br>30. 9<br>31. 8<br>29. 8<br>30. 9<br>31. 8<br>29. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8 | °C. 23. 2 23. 22. 4 23. 2 22. 9 24. 5 23. 3 22. 8 22. 8 22. 8 22. 8 22. 5 22. 7 21. 9 22. 8 22. 5 22. 7 21. 9 22. 9 22. 8 22. 5 22. 7 21. 9 22. 9 22. 8 22. 5 22. 7 21. 9 22. 9 23. 9 23. 9  | 32. 4<br>31. 32. 8<br>33. 33. 33. 33. 32. 5<br>32. 6<br>34. 33. 4<br>33. 4<br>33. 4<br>33. 29. 9<br>31. 2<br>32. 9<br>32. 9<br>32. 6<br>33. 33. 33. 5<br>33. 1<br>34. 33. 8<br>35. 35. 2  | 24<br>23. 23. 23. 23. 23. 23. 23. 22. 23. 23.   |
| 1   | *C. 32.9 29.2 31.6 33.6 32.6 32.6 32.6 32.6 32.6 32.6 32   | °C. 22 22. 7 22. 1 22. 9 23. 2 2. 6 23. 3 22. 7 22. 4 22. 4 22. 4 22. 8 22. 8 22. 8 23. 3 23. 3  | *C. 29, 7 29, 1 30, 1 30, 5 30, 6 25, 8 30, 1 29, 6 30, 2 30, 6 30, 2 30, 7 30, 8 30, 5 32, 2 32, 3 32, 9 34, 2 7 32, 2 32, 3  | °C. 66 23.3 7 6 25.5 1 3 7 9 24.4 7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2  | °C. 30. 1 30. 5 30. 9 30. 4 30. 3 30. 7 30. 4 30. 3 30. 3 29. 4 27. 8 29 30. 9 30. 4 31. 3 31. 3 31. 3 30. 7 32                                  | 24. 8<br>24. 5<br>24. 3<br>24. 3<br>25. 5<br>26. 1<br>22. 2<br>23. 4<br>22. 7<br>23. 2<br>23. 6<br>23. 6<br>23. 6<br>23. 5<br>24. 2<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>24. 2<br>25. 5<br>26. 6<br>27. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6  | 32. 8<br>32. 7<br>29. 6<br>33. 3<br>32. 2<br>32. 6<br>32. 2<br>32. 5<br>32. 3<br>32. 2<br>29. 5<br>31. 7<br>31. 7<br>31. 7<br>31. 2<br>33. 7<br>31. 3  | 24. 9<br>25. 1<br>24. 5<br>24. 5<br>24. 6<br>25. 24. 6<br>24. 23. 9<br>25. 9<br>24. 4<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>25. 5<br>24. 5<br>26. 9<br>25. 9<br>26. 9<br>26. 9<br>27. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>28. 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2                     | 31. 2<br>30. 8<br>30. 8<br>31. 9<br>32. 8<br>31. 2<br>30. 7<br>30. 9<br>30. 7<br>30. 5<br>31. 4<br>30. 5<br>31. 4<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5 | 23. 4<br>22. 8<br>22. 8<br>22. 8<br>23. 5<br>23. 1<br>21. 8<br>23. 2<br>23. 1<br>21. 6<br>22. 6<br>22. 6<br>22. 6<br>22. 6<br>22. 6<br>22. 6<br>22. 8<br>23. 1<br>23. 1<br>24. 3<br>23. 1<br>23. 3<br>24. 3<br>25. 3<br>26. 21. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27 | 32. 5<br>32. 4<br>32. 1<br>32. 5<br>32. 6<br>32. 1<br>32. 9<br>32. 9<br>32. 9<br>32. 9<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8 | 21. 4<br>20. 3<br>22. 1<br>21. 4<br>22. 4<br>22. 4<br>22. 1<br>20. 9<br>21. 3<br>20. 4<br>20. 7<br>19. 7<br>21. 1<br>20. 9<br>20. 9<br>20. 4<br>21. 1<br>20. 9<br>20. 4<br>20. 9<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6  | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>31. 4<br>30. 7<br>31. 4<br>28. 1<br>30. 9<br>31. 9<br>26. 1<br>30. 9<br>31. 1<br>30. 9<br>28. 8<br>29. 8<br>29. 8<br>29. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8 | °C. 23. 2 23 22. 4 23. 2 22. 9 24. 5 24. 2 24. 3 23. 3 22. 8 23. 3 22. 8 22. 8 22. 7 21. 9 22. 5 22. 7 21. 9 22. 9 23. 9 23. 6   | 32. 4<br>31<br>32. 8<br>33<br>32. 5<br>32. 6<br>34<br>33. 4<br>33. 5<br>29. 9<br>31. 2<br>32. 5<br>32. 6<br>33. 33. 5<br>32. 6<br>33. 5<br>33. 5<br>33. 5<br>34. 6<br>35. 6<br>35. 6<br>35. 6<br>36. 6<br>37. 6<br>38. 7<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8  | 24<br>23. 23. 23. 23. 23. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22. 23. 24. 24. 24. 24. 24. 24. 24. 24. 24. 24  |
| 2 3 3 4 5 5 5 6 6 7 7 8 8 8 9 9 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1           | °C. 32.9 2 32.6 33.6 6 32.6 33.4 4 2 34.2 8.9 30.9 34 6 32.8 33.3 34 6 34.7 35.5 1 33.9 33.9   | °C. 222 22. 7 22. 1 22. 9 22. 7 22. 23. 4 22. 6 23. 3 23. 24. 22. 4 23. 8 22.  | *C. 29. 7 30. 11 1 30. 5 30. 6 29. 7 30. 1 30. 6 30. 2 30. 7 30. 8 30. 5 31. 5 32. 3 32. 3 32. 3 32. 3 32. 7 32. 1 32. 7 | °C.6663765137944722264472222222222222222222222222222   | °C. 30. 15 30. 9 30. 4 30. 3 30. 3 30. 3 30. 3 30. 3 30. 3 30. 4 31. 3 30. 6 30. 4 30. 4 30. 9 31. 3 31. 3 31. 3 30. 7 32. 3                     | 24. 8<br>24. 5<br>24. 5<br>24. 3<br>25. 5<br>26. 1<br>22. 2<br>23. 4<br>22. 3<br>23. 6<br>23. 6<br>23. 6<br>24. 2<br>23. 6<br>23. 6<br>24. 2<br>25. 5<br>26. 1<br>27. 2<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6  | 82. 8<br>32. 7<br>29. 6<br>32. 2<br>32. 2<br>32. 2<br>32. 2<br>32. 3<br>32. 2<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>32. 3<br>33. 3<br>33. 3<br>34. 3<br>35. 3<br>36. 3<br>36. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37   | 24. 9<br>25. 5<br>24. 6<br>25. 5<br>24. 6<br>24. 6<br>24. 6<br>25. 9<br>26. 9<br>26. 9<br>27. 28. 9<br>28. 9<br>29. 29. 29. 29. 29. 29. 29. 29. 29. 29.  | 31. 2<br>30. 8<br>30. 8<br>31. 9<br>32. 8<br>31. 2<br>30. 7<br>30. 8<br>27. 1<br>30. 5<br>31. 2<br>30. 5<br>31. 4<br>30. 8<br>31. 2<br>31. 4<br>31. 5<br>31. 4<br>32. 6<br>32. 5<br>31. 4<br>32. 6<br>32. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5 | 23 4<br>22 4<br>22 23. 6<br>22. 8<br>22. 8<br>23. 5<br>23. 1<br>21. 8<br>23. 2<br>23. 1<br>21. 6<br>21. 6<br>22. 6<br>22. 6<br>22. 6<br>22. 6<br>22. 5<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 5<br>23. 6<br>24. 6<br>25. 6<br>26. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6 | 32. 5<br>32. 4<br>32. 1<br>32. 5<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 2<br>32. 2<br>32. 3<br>32. 2<br>32. 3<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8 | 21. 4<br>20. 3<br>22. 1<br>21. 4<br>21. 4<br>22. 1<br>20. 9<br>21. 3<br>20. 2<br>20. 7<br>21. 1<br>20. 9<br>21. 1<br>20. 9<br>20. 6<br>20. 6<br>20. 4<br>20. 4   | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>30. 7<br>31. 4<br>28. 1<br>30. 9<br>28. 4<br>26. 1<br>30. 3<br>31. 1<br>29. 8<br>31. 9<br>29. 8<br>31. 8<br>29. 8<br>31. 9<br>31. 9<br>31. 9<br>32. 1   | °C. 23. 2 23 22. 4 23. 22. 9 24. 5 24. 2 23. 8 23. 8 22. 8 22. 8 22. 8 22. 9 2 | 32. 4<br>31. 32. 8<br>33. 32. 5<br>32. 5<br>32. 6<br>33. 4<br>33. 4<br>33. 5<br>32. 9<br>31. 2<br>32. 5<br>32. 6<br>33. 5<br>32. 6<br>33. 5<br>32. 6<br>33. 5<br>32. 6<br>33. 5<br>32. 6<br>33. 5<br>34. 6<br>35. 6<br>36. 6<br>37. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38. 6<br>38.          | 24<br>23. 23. 23. 23. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22. 23. 24. 2 2 |
| 2 2 3 3 4 4 5 5 6 6 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9                   | *C. 32.9 23.2 31.6 32.6 32.6 32.6 32.6 32.6 32.8 33.3 32.4 33.6 34.3 32.4 33.6 34.3 32.4 33.6 34.7 35.1 33.9 33.9 34.7 35.1 33.9 33.9 34.7                         | °C. 22 22. 7 22. 1 22. 9 22. 7 22. 9 23. 4 22. 6 23. 3 22. 7 22. 3 22. 4 22. 4 22. 4 22. 4 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 23. 4 22. 4 | *C. 29, 7 29, 1 1 30. 5 30. 6 29, 7 30. 1 30. 6 29, 7 30. 1 30. 6 30. 2 30. 6 30. 2 30. 6 30. 2 30. 7 30. 8 30. 5 32. 2 30. 7 30. 8 32. 2 30. 7 30. 8 32. 2 30. 7 30. 8 32. 3 32. 9 334. 2 5 32. 1 30. 5   | °C.6623.37625.5123.3794.47223.223.223.223.223.223.223.223.223.223  | °C. 30. 1 30. 5 30. 9 30. 4 30. 4 30. 3 30. 3 29. 4 27. 8 29 30. 9 30. 4 31. 3 30. 6 30. 4 31. 3 31. 3 31. 3 31. 3                               | 24. 8<br>24. 5<br>24. 5<br>24. 3<br>26. 1<br>26. 1<br>26. 2<br>23. 4<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 5<br>24. 2<br>25. 5<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 26. 26. 26. 26. 26. 26. 26. 26. 26.  | 82. 8<br>32. 7<br>29. 6<br>33. 3<br>32. 2<br>32. 7<br>31. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 7<br>31. 2<br>30. 3<br>31. 7<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3   | 24. 9<br>25. 5<br>24. 5<br>24. 5<br>24. 6<br>25. 5<br>24. 6<br>24. 6<br>25. 9<br>26. 9<br>24. 4<br>28. 2<br>28. 2<br>29. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 20. 20. 20. 20. 20. 20. 20. 20. 20.  | 31. 2<br>30. 8<br>30. 8<br>30. 8<br>31. 9<br>32. 8<br>31. 2<br>30. 7<br>30. 5<br>30. 5<br>30. 5<br>31. 4<br>30. 5<br>31. 4<br>30. 5<br>31. 4<br>31. 5<br>31. 4<br>31. 5<br>31. 4<br>31. 5<br>31. 4<br>31. 5<br>31. 5<br>31. 4<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5 | 23. 4<br>22. 4<br>22. 8<br>22. 8<br>23. 5<br>23. 5<br>23. 1<br>21. 8<br>23. 2<br>23. 1<br>21. 6<br>22. 6<br>21. 6<br>22. 6<br>21. 5<br>22. 6<br>21. 5<br>23. 1<br>23. 1<br>23. 3<br>23. 1<br>24. 3<br>25. 3<br>26. 3<br>27. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 4<br>28. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6  | 32. 5<br>32. 4<br>32. 1<br>32. 5<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 2<br>32. 3<br>32. 1<br>32. 3<br>32. 1<br>32. 3<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1 | 21. 4<br>20. 3<br>22. 1<br>21. 4<br>22. 4<br>22. 1<br>20. 9<br>22. 21. 9<br>20. 7<br>20. 4<br>20. 2<br>20. 7<br>21. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 5<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20 | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>30. 7<br>31. 4<br>28. 1<br>30. 3<br>31. 1<br>30. 3<br>31. 1<br>30. 3<br>31. 1<br>30. 3<br>31. 1<br>30. 3<br>31. 1<br>30. 3<br>31. 1<br>30. 3<br>31. 1<br>30. 3<br>31. 4<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8 | °C. 23. 2 23 22. 4 23. 2 22. 9 24. 5 23. 3 22. 8 22. 8 22. 8 22. 9 22. 5 22. 7 22. 9 23. 6 22. 9 23. 6 22. 9 23. 6 23. 8 | 32. 4<br>31<br>32. 8<br>33<br>32. 5<br>32. 6<br>32. 5<br>32. 9<br>31. 2<br>31. 2<br>32. 9<br>32. 6<br>32. 9<br>32. 6<br>32. 9<br>32. 6<br>32. 9<br>32. 6<br>32. 6<br>33. 5<br>34. 4<br>35. 5<br>36. 6<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2    | 24<br>23. 23. 23. 23. 23. 23. 22. 33. 22. 33. 22. 33. 22. 33. 22. 33. 22. 33. 22. 33. 22. 33. 22. 33. 22. 4. 22. 24. 24. 24. 24. 24. 24. 24.  |
| 2 3 3 4 5 5 5 6 6 7 7 3 3 4 4 5 5 6 6 7 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 | *C. 32.9 29.2 31.6 32.6 32.6 32.6 32.8 33.3 32.8 33.4 4 34.5 32.8 33.3 32.8 33.3 34.6 34.7 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1                                 | °C. 22 22. 7 22. 9 23. 2 23. 4 22. 6 23. 3 22. 7 22. 9 22. 22. 4 22. 4 22. 4 22. 8 22. 8 23. 6 23. 3 22. 7 22. 8 23. 6 23. 8 23. 6 23. 8 23. 6 23. 8 23. 6 23. 8 23. 6 23. 8 23. 6 23. 8 23. 6 23. 8 23. 6 23. 8 23. 6 23. 8 23. 6 23. 8 23. 6 23. 8 23. 6 23. 8 23. 6 23. 8 23. 6 23. 8 23. 9 2 | *C. 29, 7 29, 1 30, 1 30, 5 30, 6 25, 8 30, 1 29, 6 30, 2 30, 6 30, 2 30, 5 31, 5 32, 2 32, 3 32, 5 32, 5 31, 6 31, 6  | °C. 66 6 23. 3 7 9 24. 4 7 2 23. 2 24. 5 5 1 2 23. 2 24. 4 7 2 23. 2 24. 6 2 23. 2 24. 6 2 23. 2 24. 6 2 23. 2 24. 6 2 23. 2 24. 6 2 23. 2 24. 6 2 23. 2 24. 6 2 23. 2 24. 6 2 23. 2 24. 6 2 24. 2 25. 6 2 2 24. 6 6   | °C. 30. 1 30. 5 30. 9 30. 4 30. 3 30. 7 30. 4 30. 3 30. 3 29. 4 27. 8 30. 9 30. 4 31. 3 30. 6 31. 3 31. 3 30. 7 32 31. 3 31. 3 31. 3 31. 3 31. 5 | 24. 8<br>24. 5<br>24. 5<br>24. 3<br>25. 5<br>26. 1<br>22. 7<br>23. 4<br>22. 7<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 5<br>24. 2<br>23. 5<br>24. 2<br>23. 5<br>24. 2<br>25. 5<br>26. 1<br>26. 1<br>27. 2<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6  | 32. 8<br>32. 4<br>32. 7<br>29. 6<br>33. 3<br>32. 2<br>32. 7<br>32. 5<br>32. 5<br>32. 3<br>32. 1<br>32. 2<br>31. 7<br>31. 2<br>31. 7<br>31. 2<br>31. 7<br>31. 2<br>31. 3<br>31. 7<br>31. 3<br>31. 7<br>31. 3<br>31. 3<br>31. 3<br>31. 3   | 24. 9<br>25. 1<br>24. 5<br>24. 6<br>25. 5<br>24. 6<br>24. 6<br>24. 6<br>25. 9<br>26. 9<br>27. 26<br>28. 9<br>29. 26<br>20. 26<br>21. 26<br>21. 26<br>22. 26<br>23. 2<br>24. 26<br>25. 5<br>26. 5<br>26. 5<br>27. 26<br>28. 9<br>29. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26<br>20. 26   | 31. 2<br>30. 8<br>30. 8<br>31. 9<br>32. 8<br>31. 2<br>29. 4<br>30. 7<br>30. 8<br>27. 1<br>30. 5<br>31. 4<br>30. 5<br>31. 4<br>30. 5<br>31. 4<br>31. 5<br>31. 4<br>31. 5<br>31. 4<br>31. 5<br>31. 4<br>31. 5<br>31. 4<br>31. 5<br>31. 4<br>31. 5<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6 | 23 4<br>22 23.6<br>22.8<br>22.8<br>23.5<br>23.5<br>23.1<br>21.8<br>23.2<br>23.1<br>21.6<br>22.6<br>21.6<br>22.6<br>21.4<br>22.6<br>21.4<br>22.3<br>23.1<br>23.1<br>23.1<br>23.3<br>23.3<br>23.3  | 32. 5<br>32. 4<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 3<br>32. 7<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 1<br>32. 8<br>32. 1<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8 | 21. 4<br>20. 3<br>22. 1<br>21. 4<br>22. 4<br>22. 4<br>22. 1<br>20. 9<br>21. 9<br>21. 9<br>21. 9<br>20. 7<br>19. 7<br>21. 1<br>20. 4<br>21. 1<br>20. 9<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 1<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>21. 20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20.   | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>30. 7<br>31. 4<br>28. 1<br>30. 9<br>28. 4<br>26. 1<br>30. 9<br>29. 8<br>29. 8<br>31. 9<br>29. 8<br>31. 8<br>29. 8<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 8<br>31. 9<br>31. 9<br>31. 8<br>31. 9<br>31. 9<br>31. 8<br>31. 9<br>31. 8<br>31. 9<br>31. 8<br>31. 9<br>31. 8<br>31. 9<br>31. 8<br>31. 9<br>31. 8<br>31. 9<br>31. 8<br>31. 9<br>31. 8<br>31. 9<br>31. 9<br>31. 8<br>31. 9<br>31. 8<br>31. 9<br>31. 8<br>31. 9<br>31. 8<br>31. 9<br>31. 8<br>31. 9<br>31. 8<br>31. 9<br>31. 8<br>31. 9<br>31. 8<br>31. 9<br>31. 8<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9<br>31. 9 | °C. 23. 2 23. 22. 4 23. 2 22. 9 24. 5 24. 2 24. 3 23. 6 23. 3 22. 8 22. 8 22. 7 21. 9 22. 8 22. 7 21. 9 23. 6 23. 8 23. 8 24. 3  | 32. 4<br>31<br>32. 8<br>33<br>32. 5<br>32. 6<br>34<br>33. 4<br>33. 5<br>29. 9<br>31. 2<br>32. 9<br>31. 2<br>32. 6<br>33. 5<br>32. 6<br>33. 5<br>32. 6<br>33. 5<br>32. 6<br>33. 5<br>32. 6<br>33. 5<br>32. 6<br>33. 6<br>33. 5<br>34. 6<br>35. 6<br>36. 6<br>37. 6<br>38. 7<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8<br>8  | 24<br>23.<br>23.<br>23.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>23  |
| 2 2 3 3 4 4 5 5 6 6 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9                   | *C. 32.9 23.2 31.6 32.6 32.6 32.6 32.6 32.6 32.8 33.3 32.4 33.6 34.3 32.4 33.6 34.3 32.4 33.6 34.7 35.1 33.9 33.9 34.7 35.1 33.9 33.9 34.7                         | °C. 22 22. 7 22. 1 22. 9 22. 7 22. 9 23. 4 22. 6 23. 3 22. 7 22. 3 22. 4 22. 4 22. 4 22. 4 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 23. 4 22. 4 | *C. 29, 7 29, 1 1 30. 5 30. 6 29, 7 30. 1 30. 6 29, 7 30. 1 30. 6 30. 2 30. 6 30. 2 30. 6 30. 2 30. 7 30. 8 30. 5 32. 2 30. 7 30. 8 32. 2 30. 7 30. 8 32. 2 30. 7 30. 8 32. 3 32. 9 334. 2 5 32. 1 30. 5   | °C.6623.37625.5123.3794.47223.223.223.223.223.223.223.223.223.223  | °C. 30. 1 30. 5 30. 9 30. 4 30. 4 30. 3 30. 3 29. 4 27. 8 29 30. 9 30. 4 31. 3 30. 6 30. 4 31. 3 31. 3 31. 3 31. 3                               | 24. 8<br>24. 5<br>24. 5<br>24. 3<br>26. 1<br>26. 1<br>26. 2<br>23. 4<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 5<br>24. 2<br>25. 5<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 26. 26. 26. 26. 26. 26. 26. 26. 26.  | 82. 8<br>32. 7<br>29. 6<br>33. 3<br>32. 2<br>32. 7<br>31. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 7<br>31. 2<br>30. 3<br>31. 7<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3   | 24. 9<br>25. 5<br>24. 5<br>24. 5<br>24. 6<br>25. 5<br>24. 6<br>24. 6<br>25. 9<br>26. 9<br>24. 4<br>28. 2<br>28. 2<br>29. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 20. 20. 20. 20. 20. 20. 20. 20. 20.   | 31. 2<br>30. 8<br>30. 8<br>30. 8<br>31. 9<br>32. 8<br>31. 2<br>30. 7<br>30. 5<br>30. 5<br>30. 5<br>31. 4<br>30. 5<br>31. 4<br>30. 5<br>31. 4<br>31. 5<br>31. 4<br>31. 5<br>31. 4<br>31. 5<br>31. 4<br>31. 5<br>31. 5<br>31. 4<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5 | 23. 4<br>22. 4<br>22. 8<br>22. 8<br>23. 5<br>23. 5<br>23. 1<br>21. 8<br>23. 2<br>23. 1<br>21. 6<br>22. 6<br>21. 6<br>22. 6<br>21. 5<br>22. 6<br>21. 5<br>23. 1<br>23. 1<br>23. 3<br>23. 1<br>24. 3<br>25. 3<br>26. 3<br>27. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 4<br>28. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6  | 32. 5<br>32. 4<br>32. 1<br>32. 5<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 2<br>32. 3<br>32. 1<br>32. 3<br>32. 1<br>32. 3<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1<br>32. 1 | 21. 4<br>20. 3<br>22. 1<br>21. 4<br>22. 4<br>22. 1<br>20. 9<br>22. 21. 9<br>20. 7<br>20. 4<br>20. 2<br>20. 7<br>21. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 4<br>20. 5<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20 | 30. 4<br>28. 7<br>29. 4<br>30. 4<br>30. 7<br>31. 4<br>28. 1<br>30. 3<br>31. 1<br>30. 3<br>31. 1<br>30. 3<br>31. 1<br>30. 3<br>31. 1<br>30. 3<br>31. 1<br>30. 3<br>31. 1<br>30. 3<br>31. 1<br>30. 3<br>31. 4<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8 | °C. 23. 2 23 22. 4 23. 2 22. 9 24. 5 23. 3 22. 8 22. 8 22. 8 22. 9 22. 5 22. 7 22. 9 23. 6 22. 9 23. 6 22. 9 23. 6 23. 8 | 32. 4<br>31<br>32. 8<br>33<br>32. 5<br>32. 6<br>32. 5<br>32. 9<br>31. 2<br>31. 2<br>32. 9<br>32. 6<br>32. 9<br>32. 6<br>32. 9<br>32. 6<br>32. 9<br>32. 6<br>32. 6<br>33. 5<br>34. 4<br>35. 5<br>36. 6<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2<br>36. 2    | 24<br>23. 23. 23. 23. 23. 22. 22. 23. 22. 23. 22. 23. 22. 23. 22. 23. 24. 24. 24. 24. 24. 24. 24. 24. 24. 24  |

# METEOROLOGICAL BULLETIN.

Maximum and minimum temperatures at the stations of the Weather Bureau, May, 1918—Continued.

| Day.             | Ce  | bu.  | Ilo   | oilo.   | San<br>Buens   | Jose<br>avista.  | Cu  | yo.  | Orı  | noc.   | Gui  | uan.   | Tacl  | loban.   | Ca   | piz.   |
|------------------|---|--|---|---|--|--|---|--|--|--|--|--|---|--|--|--|
| Day.             | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   |  | Maxi-<br>mum.  | Min  |
|                  | °C.   | °c.  | °C.   | °C.   | °C.  | °C.  | °c.   | °C.  | °C.  | °C.  | •c.  | °c.  | °C.   | °c.  | °C.  | °c   |
| 1                | 32.1  | 25.5   | 32.4  | 24.8  | 32.7   | 21.9   | 30.8  | 25. 8<br>26. 7<br>25. 9  | 32.4   | 21.9   | 31   | 23   | 30.3  | 23.5   | 32.2   | 25.4   |
| 2                | 31  | 23.2   | 31.6  | 24.8  | 34.1   | 22.6   | 31.2  | 26.7   | 30.3   | 22.5   | 30.9   | 24.4   | 28.9  | 22.4   | 32   | 25.2   |
| 3                | 30.6  | 23.8   | 32, 3   | 24.5  | 33.3   | 22.4   | 30.9  | 25.9   | 31.3   | 21.9   | 31.9   | 22.8   | 31.9  | 22.3   | 33   | 24.2   |
| 4                | 31.5  | 25.3   | 32, 1   | 25.1  | 33.7   | 22.6   | 31.7  | 26.4<br>26.6   | 32   | 22.8   | 31.8   | 23.9   | 32.8  | 23.6   | 32.8   | 24.  |
| 5                | 31.4  | 25   | 33, 2   | 24.6  | 33.3   | 22.9   | 31.4  | 26.6   | 32.4   | 23.1   | 31.9   | 23.7   | 32.9  | 23.8   | 32.3   | 25.3   |
| 6                | 30.9  | 25   | 33.1  | 24.5  | 33.7   | 22.6   | 31.2  | 26.5   | 33   | 23.4   | 32<br>32. 1  | 26   | 32.6  | 23.7   | 33.1   | 25.  |
| 7                | 31.8  | 25.8   | 32.3  | 25.5  | 33.7   | 22.8   | 30.7  | 27.1   | 32.6   | 23.6   | 32.1   | 23.4   | 32.1  | 23.6   | 32.6   | 25.  |
| 8                | 29.3  | 24.3   | 31.7  | 24.7  | 31.7   | 24   | 31.1  | 26.7   | 32.5   | 22.9   | 29   | 23.5   | 30.9  | 24   | 31.7   | 25.  |
| 9                | 32  | 24.8   | 33  | 24  | 31.5   | 23.1   | 30.8  | 24.4   | 32.8   | 23.6   | 31.4   | 23.9   | 31.2  | 24.2   | 31. 5  | 24.  |
| 9                | 32.7  | 25.6   | 30.4  | 24  | 30.8   | 23.6   | 29.8  | 24.2   | 31.6   | 21.9   | 32.5   | 22   | 32  | 22.8   | 31.3   | 23.  |
| 1                | 31.7  | 25.3   | 31.6  | 24.5  | 32.1   | 22.1   | 31.7  | 24   | 32.4   | 21.8   | 31.2   | 22.6   | 31.5  | 23.5   | 32.1   | 23.  |
| 2                | 27.7  | 24.7   | 30.5  | 23.8  | 31.9   | 23.1   | 32.8  | 27.2   | 32.4   | 23.2   | 27.5   | 24   | 27.5  | 23.5   | 32.1   | 25.  |
| 3<br>4<br>5      | 30.2  | 24   | 31.7  | 24. 2   | 31.6   | 23.5   | 32.4  | 26.7   | 29.4   | 23   | 30.7   | 23<br>22, 1  | 26.6  | 23.2   | 32   | 24.  |
| <u> </u>         | 31.5  | 24.9   | 31.6  | 24.3  | 32.2   | 23.5   | 30.2  | 24.6   | 32.2   | 22.9   | 31.9   | 22.1   | 32. 5   | 22.9   | 32.9   | 23.  |
| D                | 32.2  | 25.3   | 32.1  | 24.7  | 32   | 22.3   | 31.7  | 24.2   | 32.3   | 21.4   | 32. 2  | 23.1   | 31.5  | 23.2   | 32.7   | 24.  |
| 9                | 31.8  | 25   | 31.7  | 25.1  | 32.4   | 23.5   | 32  | 25   | 31.4   | 21.4   | 31.3   | 23.1   | 31.4  | 23.6   | 32.5   | 25   |
| 3<br>7<br>3<br>9 | 32.3  | 25. 1  | 33  | 24.6  | 32.5   | 21.8   | 33.2  |  | 31.6   | 21.2   | 30.7   | 23.4   | 32.4  | 23.4   | 33.1   | 24.  |
| 5                | 31.1  | 25.5   | 32  | 24.4  | 30.8   | 23.6   | 30.8  | 24.6   | 31.6   | 22.4   | 32.3   | 25   | 30.6  | 23.9   | 32.6   | 25.  |
| <del>,</del>     | 31.9  | 25.3   | 32.3  | 24.4  | 32.7   | 23.1   | 32.8  | 24.6   | 32.6   | 21.4   | 32.4   | 23.2   | 32.3  | 23.9   | 32.9   | 25.  |
| / <i></i>        | 32.6  | 25.4   | 32.7  | 24.4  | 32.2   | 22.2   | 32.9  | 24.7   | 32.6   | 21.8   | 32. 2  | 23.1   | 33.5  | 23.9   | 33.3   | 25.  |
| L                | 32.3  | 24.5   | 32  | 24.7  | 32.2   | 22   | 32.8  | 24.3   | 32   | 21.4   | 31.5   | 23.3   | 33  | 23.9   | 33. 2  | 23.  |
|                  | 32.5  | 24.1   | 33.4  | 23, 2   | 32   | 22.5   | 32.2  | 24.1   | 31.9   | 20.2   | 32.1   | 22   | 33.6  | 23   | 33   | 22.  |
|                  | 32.8  | 24   | 33.4  | 23.5  | 32.1   | 22.9   | 33  | 23.4   | 32.3   | 19.8   | 32.5   | 21.6   | 32. 9   | 22   | 32.6   | 21.  |
|                  | 32  | 25   | 32.5  | 23.8  | 32.2   | 23   | 33.4  | 23.4   | 32.5   | 19.7   | 32.4   | 22.2   | 34.2  | 22   | 33.3   | 23.  |
| ·                | 32.5  | 26   | 32.5  | 24.5  | 32.3   | 23.1   | 32.4  | 24   | 32.9   | 21   | 33.3   | 23.1   | 33.2  | 23.3   | 33   | 25.  |
|                  | 31.5  | 26.7   | 31.6  | 24.7  | 31   | 24.6   | 31.2  | 25.4   | 33   | 22.4   | 32.4   | 26.5   | 33.8  | 23.5   | 34.1   | 24.  |
| {                | 31.5  | 25.5   | 31.4  | 25.8  | 31.2   | 24. 1  | 29.8  | 26.6   | 33.4   | 22.9   | 33.4   | 24.3   | 33.2  | 24.1   | 33.6   | 25.  |
| }                | 31  | 26   | 32  | 23.7  | 31.8   | 23.4   | 32.3  | 24.4   | 33.4   | 23.8   | 33.9   | 24.2   | 33.5  | 23.5   | 33.6   | 24.  |
| }                | 32<br>32  | 25.8   | 33  | 24  | 32.3   | 23.5   | 31.9  | 24.6   | 33.2   | 23.4   | 33.3   | 22.3   | 33.1  | 23.6   | 34   | 24   |
| )<br>l           | 32  | 25.3   | 33. 1<br>33. 4  | 24.1  | 32   | 24.5   | 31.7  | 23.6   | 33.3   | 20.9   | 33.7   | 21.3   | 33.6  | 23   | 33.6   | 24.  |
|                  | 00.0  |  |   | 24.2  | 32, 2  | 22.2   | 31.7  | 23.6   | 32.9   | 20.4   | 33.4   | 22.1   | 34.7  | 23.8   | 33.9   | 24.  |
|                  | 32.3  | 25   |   |   |  |  |   |  |  |  |  |  |   | ·  |  |  |
| Mean             | 32.3  | 25. 1  | 32.2  | 24.4  | 32, 3  | 23   | 31. 7   | 25. 1  | 32.3   | 22.1   | 31.9   | 23.3   | 32.1  | 23.4   | 32.8   | 24.6   |
| Mean             | 32.3  | 25. 1  | 32. 2   |   | <br>  <br>   | 23   | <br>  | 25.1<br>bate.  | !<br>!   | 22. 1<br>blon.   | 31. 9<br>Bat   | <u> </u>   | 1   | 23.4<br>ogon.  | !<br>  | 24. 6<br>aspi.   |
|                  | 32.3<br>31.6<br>Boro  | 25. 1<br>ngan.   | 32.2  | 24.4  | Calb   | ayog.  | Mas   | bate.  | Rom  | blon.  | Bat  | tag.   | Sors  | ogon.  | Legs   | aspi.  |
| Mean             | 32.3  | 25. 1  | 32. 2   | 24.4  | <br>  <br>   | <u> </u>   | <br>  | l  | !<br>!   | 1  | <u> </u>   | tag.   | 1   | <u> </u>   | !<br>  | aspi.<br>Mir   |
| Mean             | 32.3 31.6  Boron Maximum.   | 25. 1 ngan. Mini- mum.   | 32.2  Catba  Maximum.   | 24.4  llogan.  Minimum.   | Maxi-  | Mini-<br>mum.  | Mas<br>Maxi-<br>mum.  | Mini-<br>mum.  | Rom<br>Maxi-<br>mum.   | Mini-  | Bat<br>Maxi-<br>mum.   | Mini-<br>mum.  | Sorse<br>Maxi-<br>mum.  | Mini-  | Legs   | aspi.  |
| Mean             | Boron<br>Maxi-<br>mum.  | 25. 1 ngan. Mini- mum.   | 32.2  Catba  Maximum.   | 24.4 dlogan. Minimum.   | Maxi-mum.  | Mini-<br>mum.  | Masi-mum.   | Mini-<br>mum.  | Rom<br>Maxi-<br>mum.   | Mini-<br>mum.  | Bat<br>Maxi-<br>mum.   | Mini-<br>mum.  | Sorse Maximum.  | Minimum.   | Maxi-mum.  | Mii<br>mu  |
| Mean             | 32.3<br>31.6<br>Boron<br>Maximum.<br>°C.<br>30.8  | 25. 1 ngan. Minimum. °C. 23. 5   | 32.2  Catba  Maximum.  °C. 30.9   | 24.4 dlogan.  Minimum.  °C. 21.3  | Maximum.   | Mini-<br>mum.  | Maxi-mum.   | Mini-<br>mum.  | Rom<br>Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-mum.  | Minimum.   | Sorsemum.   | Minimum.   | Maximum.   | Min<br>mu  |
| Mean             | 32.3<br>31.6<br>Boron<br>Maxi-<br>mum.<br>°C.<br>30.8<br>31   | 25. 1  Minimum.  *C. 23. 5 25. 8   | 32. 2  Catba  Maximum.  °C. 30. 9 32  | 24. 4 llogan.  Minimum.  °C. 21. 3 21. 8  | Maxi-mum.  *C. 31.1 31.9   | Minimum.  *C. 22.8 22.7  | Maxi-<br>mum.<br>*C.<br>33.8<br>32.8  | Mini-<br>mum.<br>°C.<br>24.2<br>24.4   | Rom Maximum.  °C. 33 32.5  | Mini-<br>mum.<br>*C.<br>25.1<br>25.3   | Maxi-<br>mum.<br>•C.<br>29.6<br>30.3   | Mini-<br>mum.<br>°C.<br>24.8<br>23.9   | Maximum.  | Mini-<br>mum.<br>°C.<br>21.3<br>21.5   | Maxi-mum.  *C. 32.1 31.8   | Min<br>mu<br>°(<br>25<br>25,   |
| Mean             | 32.3<br>31.6<br>Boron<br>Maxi-<br>mum.<br>°C.<br>30.8<br>31<br>31.2   | 25. 1  Minimum.  °C. 23. 5 25. 8 23  | 32.2  Catba  Maximum.  °C. 30.9 32 32.5   | 24.4 dlogan.  Minimum.  °C. 21.3 21.8 21.9  | Maxi-<br>mum.<br>*C.<br>31. 1<br>31. 9<br>30. 9  | Mini-<br>mum.<br>*C.<br>22.8<br>22.7<br>22.3   | Maxi-<br>mum.<br>°C.<br>33.8<br>32.8<br>34  | Mini-<br>mum.<br>°C.<br>24.2<br>24.4   | Rom Maximum.  °C. 33 32.5  | Mini-<br>mum.<br>°C.<br>25. 1<br>25. 3<br>24. 9  | Maxi-<br>mum.<br>°C.<br>29. 6<br>30. 3<br>30. 4  | Minimum.  *C. 24.8 23.9 24   | Maximum.  *C. 31 30.8 30.4  | ogon.  Minimum.  °C. 21.3 21.5 22  | Maxi-<br>mum.<br>°C.<br>32.1<br>31.8<br>31.7   | Minu 25 25. 25. 25.  |
| Mean             | 32.3<br>31.6<br>Boron<br>Maxi-<br>mum.<br>°C.<br>30.8<br>31<br>31.2<br>31.6   | 25. 1  Minimum.  °C. 23. 5 25. 8 23 23. 7  | 32. 2  Catba  Maximum.  °C. 30. 9 32 32. 5 32. 8  | 24. 4  llogan.  Minimum.  °C. 21. 3 21. 8 21. 9 22  | Calba<br>Maxi-<br>mum.<br>°C.<br>31.1<br>31.9<br>30.9<br>30.5  | Minimum.  *C. 22.8 22.7 22.3 22.5  | Maxi-<br>mum.<br>°C.<br>33.8<br>32.8<br>34<br>33.6  | Mini-<br>mum.<br>°C.<br>24.2<br>24.4   | Rom Maximum.  *C. 33 32.5 33 33.4  | Mini-<br>mum.<br>*C.<br>25.1<br>25.3<br>24.9<br>26.1   | Maxi-<br>mum.<br>• C.<br>29. 6<br>30. 3<br>30. 4<br>30. 5  | Minimum.  *C. 24.8 23.9 24 24.1  | Maxi-<br>mum.<br>*C.<br>31<br>30.8<br>30.4<br>30.8  | ogon.  Minimum.  °C. 21.3 21.5 22 22   | Maxi-<br>mum.<br>°C.<br>32.1<br>31.8<br>31.7<br>31.8   | Mi<br>mu<br>25<br>25.<br>25.<br>25.  |
| Mean             | 32.3<br>31.6<br>Boron<br>Maxi-<br>mum.<br>°C.<br>30.8<br>31.2<br>31.6   | 25. 1  Minimum.  *C. 23. 5 25. 8 23 23. 7 22. 8  | 32. 2  Catba  Maximum.  °C. 30. 9 32 32. 5 32. 8 33. 1  | 24.4 Minimum.  *C. 21.3 21.8 21.9 22 21.9   | Calba Maximum.  *C. 31.1 31.9 30.9 30.5  | Mini-<br>mum.<br>*C.<br>22.8<br>22.7<br>22.3<br>22.5   | Maxi-<br>mum.<br>*C.<br>33.8<br>32.8<br>34.33.6<br>33.6   | Mini-<br>mum.<br>°C.<br>24.2<br>24.4   | Rom Maximum.  °C. 33 32.5 33 33.4 33.5   | Minimum.  *C. 25.1 25.3 24.9 26.1 25   | Bat Maximum.  *C. 29.6 30.3 30.4 30.5 31.2   | Minimum.  *C. 24.8 23.9 24 24.1 24.6   | Sorse Maximum.  *C. 31 30.8 30.4 30.8 30.9  | ogon.  Minimum.  °C. 21.3 21.5 22 22 22  | Maxi-mum.  *C. 32.1 31.8 31.7 31.8 32.1  | Mii<br>mu<br>25<br>25.<br>25.<br>25.   |
| Mean             | 32.3<br>31.6<br>Borot<br>Maxi-<br>mum.<br>°C.<br>30.8<br>31.2<br>31.6<br>31.6<br>31.6<br>31.7   | 25. 1  Minimum.  *C. 23. 5 25. 8 23. 7 22. 8 26. 8   | 32. 2  Catba  Maximum.  °C. 30. 9 32 32. 5 32. 8 33. 1 32. 1  | 24. 4  Minimum.  °C. 21. 3 21. 8 21. 9 22 21. 9 22. 5   | Calba Maximum.  *C. 31.1 31.9 30.9 30.5 30 32.3  | Minimum.  *C. 22.8 22.7 22.3 22.5 22 23.6  | Maxi-mum.  *C. 33.8 32.8 34 33.6 33.6 33.6  | Minimum.  *C. 24.2 24.4 24.8 24.8 25.8   | Rom Maximum.  °C. 33 32.5 33 33.4 33.5 33.4  | Minimum.  *C. 25.1 25.3 24.9 26.1 25.3 24.9  | Maxi-mum.  *C. 29,6 30,3 30,4 30,5 31,2 31,2   | Minimum.  *C. 24.8 23.9 24 24.1 24.6   | Maxi-<br>mum.<br>*C.<br>31<br>30.8<br>30.4<br>30.8  | ogon.  Minimum.  °C. 21.3 21.5 22 22 22 21.9   | Maxi-mum.  *C. 32.1 31.8 31.7 31.8 32.1 32.2   | Mi<br>mu<br>25<br>25.<br>25.<br>25.<br>25.                                     |
| Mean             | 32.3<br>31.6<br>Boron<br>Maxi-<br>mum.<br>°C.<br>30.8<br>31.<br>31.2<br>31.6<br>31.6<br>31.7<br>31.1  | 25. 1  Minimum.  *C. 23. 5 25. 8 23 23. 7 22. 8 26. 8 22. 8  | 32. 2  Catba  Maximum.  °C. 30. 9 32 32. 5 32. 8 33. 1 32. 1 33. 1 31. 5  | 24.4 dlogan.  Minimum.  °C. 21.3 21.8 21.9 22 21.9 22.5 22.7  | Calba<br>Maxi-<br>mum.<br>*C.<br>31.1 31.9<br>30.9<br>30.5<br>30.5<br>30.5   | Minimum.  *C. 22.8 22.7 22.3 22.5 22 23.6 23.4   | Maximum.  *C. 33.8 32.8 34 33.6 33.6 34 34.4  | Minimum.  *C. 24.2 24.4 24.8 24.6 25.8 24.5  | Rom Maximum.  °C. 33 32.5 33.4 33.5 33.4 33.5 33.4   | Mini-<br>mum.<br>*C.<br>25. 1<br>25. 3<br>24. 9<br>26. 1<br>25. 3<br>26. 1   | Bat mum.  *C. 29.6 30.3 30.4 30.5 31.2 31.2 31.2 30.4  | Minimum.  *C. 24.8 23.9 24 24.1 24.6 24 23.8   | Sorse Maximum.  *C. 31 30.8 30.4 30.8 30.9  | ogon.  Minimum.  °C. 21.3 21.5 22 22 22  | Maxi-mum.  *C. 32.1 31.8 31.7 31.8 32.1 32.2 32.1  | Mi mu 25 25. 25. 25. 26. 25.   |
| Mean             | 32.3<br>31.6<br>Boron<br>Maxi-<br>mum.<br>°C.<br>30.8<br>31.2<br>31.6<br>31.7<br>31.1<br>29.1   | 25. 1  Minimum.  *C. 23. 5 25. 8 23. 7 22. 8 26. 8 22. 8 26. 8 23. 4   | 32. 2  Catba  Maximum.  *C. 30. 9 32 32. 5 32. 8 33. 1 32. 1 31. 5 30. 9  | 24.4 Minimum.  *C. 21.3 21.8 21.9 22.5 22.7 22.5  | Maximum.  *C. 31.1 31.9 30.9 30.5 30 32.3 30.5 29.4  | Minimum.  • C. 22.8 22.7 22.3 22.5 22 23.6 23.4 23.3   | Maxi-mum.  *C. 33.8 32.8 34.33.6 33.6 33.4 34.4 34.4  | Minimum.  °C. 24. 2 24. 4 24. 8 24. 6 25. 2 25. 8 24. 5  | Rom Maximum.  *C. 33 32.5 33 33.4 33.5 33.4 33.5   | Mini-mum.  *C. 25. 1 25. 3 24. 9 26. 1 25 26. 3 26. 1 25. 4  | Maxi-mum.  *C. 29.6 30.3 30.4 30.5 31.2 31.2 30.4 29.3   | Mini-<br>mum.<br>°C.<br>24.8<br>23.9<br>24.1<br>24.6<br>24.2<br>23.8<br>22.6   | Maximum.  *C. 31 30.8 30.4 30.8 30.9 30.9   | ogon.  Minimum.  °C. 21.3 21.5 22 22 22 21.9 22.3  | Maximum.  *C. 32.1 31.8 31.7 31.8 32.1 32.2 32.1 32.2 32.1 31.3  | Mii<br>mu<br>25<br>25.<br>25.<br>25.<br>25.<br>25.<br>25.<br>25.               |
| Mean             | 32.3<br>31.6<br>Boron<br>Maximum.<br>°C.<br>30.8<br>31.2<br>31.6<br>31.7<br>31.1<br>29.1<br>31.1  | 25. 1  Minimum.  °C. 23. 5 25. 8 23. 7 22. 8 26. 8 22. 8 23. 4 23. 4   | 32. 2  Catba  Maximum.  *C. 30. 9 32 32. 5 32. 8 33. 1 31. 5 30. 9 30. 9  | 24.4 Minimum.  *C. 21.3 21.8 21.9 22.5 22.7 22.5 23   | Calb:  Maximum.  °C. 31.1.31.9 30.9 30.5 30 32.3 30.5 29.4   | Minimum.  • C. 22. 8 22. 7 22. 3 22. 5 22 23. 6 23. 4 23. 3 23. 4  | Masi-<br>mum.<br>°C.<br>33. 8<br>32. 8<br>34<br>33. 6<br>33. 6<br>34. 4<br>34. 4<br>32. 8   | Mini-<br>mum.<br>°C.<br>24. 2<br>24. 4<br>24. 8<br>24. 6<br>25. 8<br>24. 5<br>24. 5<br>24. 5   | Rom Maximum.  *C. 33 32.5 33 33.4 33.5 33.4 33.9   | Mini-<br>mum.<br>°C.<br>25. 1<br>25. 3<br>24. 9<br>26. 1<br>25. 3<br>26. 1<br>25. 4  | Bat Maximum.  *C. 29.6 30.3 30.4 30.5 31.2 31.2 30.4 29.3 30.4 30.5  | *C. 24. 8 23. 9 24 24. 1 24. 6 24 23. 8 22. 6 24. 3  | *C. 31 30.8 30.4 30.8 30.9 30.9   | ogon.  Minimum.  °C. 21.3 21.5 22 22 22 21.9 22.3  | Maxi-mum.  *C. 32.1 31.8 31.7 31.8 32.1 32.2 32.1 31.3 31.8  | Mii<br>mu<br>25<br>25.<br>25.<br>25.<br>25.<br>25.<br>25.<br>25.<br>25.<br>25. |
| Mean             | 32.3<br>31.6<br>Boron<br>Maximum.<br>°C.<br>30.8<br>31.2<br>31.6<br>31.7<br>31.1<br>29.1<br>31.1  | 25. 1  Minimum.  °C. 23. 5 25. 8 23. 7 22. 8 26. 8 22. 8 23. 4 23. 9 22. 7   | 32. 2  Catba  Maximum.  °C. 30. 9 32. 5 32. 8 33. 1 32. 1 31. 5 30. 9 30. 9 30. 9 32. 3   | 24.4 Minimum.  *C. 21.3 21.8 21.9 22 21.9 22.5 22.7 22.5 23 22  | Calb:  Maximum.  *C. 31.19 30.9 30.5 30 32.3 30.5 29.4 29.4 30.2   | Minimum.  *C. 22.8 22.7 22.3 22.5 22 23.6 23.4 23.3 23.4 23.3 23.4 22.5  | Maximum.  *C. 33.8 32.8 34.4 34.4 34.4 32.8   | Mini-<br>mum.<br>°C.<br>24. 2<br>24. 4<br>24. 8<br>24. 6<br>25. 8<br>24. 5<br>24. 5<br>24. 5<br>24. 5  | Rom  Maximum.  °C. 33 32.5 33 33.4 33.5 33.4 33.9 31.9   | Mini-mum.  *C. 25. 1 25. 3 24. 9 26. 1 25. 3 24. 9 26. 1 25. 4 25. 4 25. 4 25. 4   | Bat Maximum.  *C. 29.6 30.3 30.4 30.5 31.2 31.2 30.4 29.3 30.5 30.5  | Minimum.  *C. 24.8 23.9 24.1 24.6 24.8 22.6 24.3   | Maximum.  *C. 31 30.8 30.4 30.8 30.9  | ogon.  Minimum.  °C. 21.3 21.5 22 22 22 22.22 21.9 22.3  | Maxi-mum.  *C. 32.1 31.8 31.7 31.8 32.1 32.2 32.1 31.3 31.8 31.8   | Mii<br>mu<br>25<br>25.<br>25.<br>25.<br>25.<br>25.<br>25.<br>25.<br>25.<br>25. |
| Mean             | 32.3<br>31.6<br>Boron<br>Maximum.<br>°C.<br>30.8<br>31.2<br>31.6<br>31.7<br>31.1<br>29.1<br>31.1  | 25. 1  Minimum.  *C. 23. 5 25. 8 23. 7 22. 8 26. 8 22. 8 26. 8 22. 8 22. 8 23. 4 23. 9 22. 7 23. 9   | 32. 2  Catba  Maximum.  °C. 30. 9 32. 32. 5 32. 8 33. 1 32. 1 30. 9 30. 9 30. 9 31. 8   | 24.4 dlogan. Minimum. 21.3 21.8 21.9 22.5 22.7 22.5 23 22 22.4  | Calbi<br>Maxi-<br>mum.<br>°C.<br>31. 1<br>31. 9<br>30. 9<br>30. 5<br>30. 3<br>29. 4<br>29. 4<br>30. 2<br>31. 6                     | Minimum.  *C. 22.8 22.7 22.3 22.5 22.6 23.4 23.3 23.4 22.5 22.6  | Masi-<br>mum.<br>°C.<br>33.8<br>32.8<br>34.6<br>33.6<br>34.4<br>34.4<br>32.8<br>33.6<br>34.4<br>34.4<br>34.4<br>34.4<br>34.6                    | Minimum.  *C. 24. 2 24. 4 24. 8 24. 6 25. 2 25. 8 24. 5 24. 5 24. 5 25. 6  | Rom Maximum.  °C. 33 32.5 33 33.4 33.5 33.4 34 31.9 31.7 32.9  | Minimum.  *C. 25.1 25.3 24.9 26.1 25.26.3 26.1 25.24 25.24 23.9  | Bat Maximum.  *C. 29.6 30.3 30.4 30.5 31.2 31.2 30.4 29.3 30.4 30.5  | Minimum.  °C. 24.8 23.9 24.1 24.6 24.3 22.6 24.3 24.3 24.3   | *C. 31 30.8 30.4 30.8 30.9 30.9   | ogon.  Minimum.  °C. 21.3 21.5 22 22 22 22.22 21.9 22.3  | Maxi-mum.  *C. 32.1 31.8 31.7 31.8 32.1 32.2 32.1 31.3 31.8 31.8 31.8  | Mii mu 255. 255. 255. 255. 255. 256. 266.                                      |
| Mean             | 32.3<br>31.6<br>Boron<br>Maximum.<br>°C.<br>30.8<br>31.2<br>31.6<br>31.7<br>31.1<br>29.1<br>31.1  | 25. 1  Minimum.  °C. 23. 5 25. 8 23. 7 22. 8 26. 8 23. 4 23. 4 23. 9 24. 4   | 32. 2  Catba  Maximum.  °C. 30. 9 32 32. 5 32. 8 33. 1 32. 1 31. 5 30. 9 30. 9 32. 3 31. 8 32. 8  | 24.4 dlogan.  Minimum.  °C. 21.3 21.8 21.9 22.9 22.5 22.7 22.5 22.7 22.5 22.4 22.8  | Maximum.  *C. 31.1 31.9 30.5 30.5 29.4 29.4 30.2 31.6 28.6   | Minimum.  *C. 22.8 22.7 22.3 22.5 22 3.6 23.4 23.3 23.4 22.5 22.6 23.6 23.4 22.5   | Maximum.  *C. 33.8 32.8 34.6 33.6 34.4 34.4 32.8 33 34.6 32.8   | Mini-<br>mum.<br>°C.<br>24. 2<br>24. 4<br>24. 8<br>24. 6<br>25. 2<br>25. 8<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 8<br>24. 8   | Rom  Maximum.  °C. 33 32.5 33 33.4 33.5 33.4 33.1 31.7 32.9 31.7 32.9 34.4   | Mini-<br>mum.<br>25. 1<br>25. 3<br>24. 9<br>26. 1<br>25. 4<br>25. 4<br>23. 9<br>25. 3  | Maximum.  *C. 29.6 30.3 30.4 30.5 31.2 30.4 29.3 30.4 29.3 30.4 30.5 30.9  | Mini-mum.  *C. 24.8 23.9 24.1 24.6 24.2 23.8 22.6 24.3 24.3 24.3 24.8  | Maximum.  *C. 31 30.8 30.9 30.9   | Minimum.  *C. 21.3 21.5 22 22 22 21.9 22.3   | Maxi-mum.  *C. 32.1 31.8 31.7 31.8 32.1 31.8 32.3 32.5   | Mi mu 25 25. 25. 26. 25. 26. 25. 26. 25. 26. 25. 26. 25.                       |
| Mean             | 32.3<br>31.6<br>Boron<br>Maximum.<br>°C.<br>30.8<br>31.2<br>31.6<br>31.7<br>31.1<br>29.1<br>31.1  | 25. 1  Minimum.  *C. 23. 5 25. 8 23. 7 22. 8 26. 8 22. 8 26. 8 22. 8 23. 4 23. 9 24. 4 23. 9 24. 4 22. 3   | 32. 2  Catba  Maximum.  *C. 30. 9 32 32. 5 32. 8 33. 1 31. 5 30. 9 30. 9 30. 9 31. 8 28. 3 27. 5  | 24.4 dlogan.  Minimum.  °C. 21.3 21.8 21.9 22.19 22.5 22.7 22.5 23 22 22.4 22.8   | Calbana Maximum.  *C. 31. 1 31. 9 30. 9 30. 5 30 32. 3 30. 5 29. 4 29. 4 29. 4 30. 2 31. 6 28. 6 28. 5                             | Minimum.  *C. 22.8 22.7 22.3 22.5 22 3.4 23.3 23.4 22.5 22.6 24 22.3   | Maxi-mum.  *C. 33.8 32.8 34.6 33.6 34.4 34.4 32.8 33 34.6 32.8 33.6 32.8 33.6   | Minimum.  *C. 24.4 4 24.8 24.6 25.8 24.5 24.5 25.6 4 24.5 25.4 24.8 25.8 24.5 25.6 4 24.8 25.8   | Rom  Maximum.  °C. 33 32.5 33.4 33.5 33.4 33.9 31.7 32.9 34.4 32.7   | Minimum.  *C. 25. 1 25. 3 24. 9 26. 1 25. 4 25. 4 25. 4 23. 9 25. 3 24. 9  | Bat Maximum.  • C. 29. 6 30. 3 30. 4 30. 5 31. 2 31. 2 30. 4 29. 3 30. 5 30. 9 30. 3 30 30 30 30 30 30 30 30 30 30 30 30 3   | Minimum.  *C. 24.8 23.9 24.1 24.6 24.8 22.6 24.3 24.8 25.5   | Sorse Maximum.  *C. 31 30.8 30.8 30.9 30.9  | ogon.  Minimum.  °C. 21.3 21.5 22 22 22 22.2 21.9 22.3   | Maximum.  *C. 32.1 31.8 31.7 31.8 32.1 32.2 32.1 31.3 31.8 32.3 31.8 32.3  | Mi mu 25 25. 25. 26. 25. 26. 25. 26. 25. 24.                                   |
| Mean             | 32.3<br>31.6<br>Boron<br>Maximum.<br>°C.<br>30.8<br>31.2<br>31.6<br>31.7<br>31.1<br>29.1<br>31.1  | 25. 1  Minimum.  *C. 23. 5 25. 8 23. 7 22. 8 26. 8 23. 4 23. 9 22. 7 23. 9 24. 4 22. 3 22. 5   | 32. 2  Catba  Maximum.  °C. 30. 9 32. 5 32. 8 33. 1 31. 5 30. 9 32. 3 31. 8 28. 3 27. 5 31. 2   | 24.4 dlogan.  Minimum.  °C. 21.8 21.9 22 21.9 22.7 22.5 22.7 22.5 22.4 22.8 22.8 22.8 22.8  | Maximum.  *C. 31.1 31.9 30.5 30.5 30.5 29.4 30.2 31.6 28.6 28.5 29   | Minimum.  • C. 22.8 22.7 22.3 22.5 22.6 23.4 23.3 22.5 22.6 23.4 22.5 22.6 22.7 22.8 22.8  | Maximum.  *C. 33.8 32.8 34.6 33.6 34.4 32.8 33.6 32.8 33.6 32.8   | Minimum.  *C. 24.4 4 24.8 24.6 25.8 24.5 24.5 25.6 4 24.5 25.4 24.8 25.8 24.5 25.6 4 24.8 25.8   | Rom Maximum.  *C. 33 32.5 33 33.4 33.5 33.4 33.7 32.9 31.7 32.9 34.4 32.7  | Minimum.  *C. 25.1 25.3 24.9 26.1 25.4 25.4 25.4 25.4 25.3 24.9 25.3   | Bat Maximum.  *C. 29.6 30.3 30.4 30.5 31.2 30.4 29.3 30.4 30.5 30.5 30.5 31.2 31.2 31.2 31.2 31.2 31.2 31.2 31.4 31.5 31.4 31.5 31.4 31.5 31.4   | Minimum.  • C. 24.8 23.9 24.1 24.6 24.8 22.8 22.8 22.4 3 24.3 24.8 25.5 24.5 24.5  | Maximum.  *C. 31 30.8 30.4 30.9 30.9  | ogon.  Minimum.  °C. 21.3 21.5 22 22 22 21.9 22.3  | Maximum.  *C. 32.1 31.8 31.7 31.8 32.1 32.2 32.1 31.8 31.8 31.8 31.8 31.8 31.8 31.8  | Mii mu 25 25. 25. 25. 25. 25. 25. 25. 25. 24. 24.                              |
| Mean             | 32.3<br>31.6<br>Boron<br>Maximum.<br>°C.<br>30.8<br>31.2<br>31.6<br>31.7<br>31.1<br>29.1<br>31.1  | 25. 1  Minimum.  °C. 23. 5 25. 8 26. 8 22. 8 26. 8 22. 8 22. 8 24. 4 23. 9 22. 7 23. 9 24. 4 22. 3 22. 5 23  | 32. 2  Maximum.  *C. 30. 9 32. 32. 5 32. 8 33. 1 32. 1 32. 1 32. 1 32. 1 31. 5 31. 8 28. 3 31. 8 28. 3 31. 8 28. 3  | 24.4 dlogan.  Minimum.  • C. 21.3 21.9 22.5 22.5 22.5 22.5 22.4 22.8 22 21.8 22   | Maximum.  • C. 31. 1 31. 9 30. 9 30. 5 30 32. 3 429. 4 29. 4 29. 4 29. 2 31. 6 28. 6 28. 5 29 29. 7                                | Minimum.  • C. 22. 8 22. 7 22. 3 22. 5 22. 6 23. 4 23. 3 23. 4 22. 5 22. 6 24 22. 8 22. 8  | Maximum.  *C. 33.8 34.8 33.6 34.4 34.4 32.8 33 34.6 32.8 33.6 34 34.4 34.4 32.8   | Minimum.  *C. 24.4 4 24.8 24.6 25.8 24.5 24.5 25.6 4 24.5 25.4 24.8 25.8 24.5 25.6 4 24.8 25.8   | Rom  Maximum.  °C. 33 32.5 33.4 33.5 33.4 33.9 31.7 32.9 34.4 32.7 32.4 32.5   | Minimum.  • C. 25. 1 25. 3 24. 9 26. 1 25. 4 25. 4 23. 9 24. 9 24. 9 24. 9 24. 9 24. 7 25. 3   | Maximum.  •C. 29.6 30.3 30.4 30.5 31.2 31.2 30.4 29.3 30.4 30.5 30.9 30.3 30.4 31.1 4 31.1   | Minimum.  *C. 24.8 23.9 24.1 24.6 24.8 22.6 24.3 24.8 25.2 24.5 24.5 23.5  | Sorse Maximum.  *C. 31 30.8 30.8 30.9 30.9  | ogon.  Minimum.  °C. 21.3 21.5 22 22 22 21.9 22.3  | Maximum.  *C. 32.1 31.8 31.7 31.8 32.1 32.2 32.1 31.8 31.8 31.8 31.8 31.8 31.8   | Mi mu 25 25. 25. 25. 25. 26. 25. 24. 24. 25.                                   |
| Mean             | 32.3<br>31.6<br>Boron<br>Maximum.<br>°C.<br>30.8<br>31.2<br>31.6<br>31.7<br>31.1<br>29.1<br>31.1  | 25. 1  Minimum.  °C. 23. 5 25. 8 23. 7 22. 8 26. 8 23. 4 22. 8 23. 4 22. 7 22. 9 24. 4 22. 3 22. 5 23 22. 4  | 32. 2  Catba  Maximum.  °C. 30. 9 32. 32. 5 32. 8 33. 1 32. 1 31. 5 30. 9 32. 3 31. 8 28. 3 27. 5 31. 2 31. 2 31. 2 31. 2   | 24.4 dlogan.  Minimum.  °C. 21.3 21.8 21.9 22 21.9 22.5 23 22 22.4 22.8 22 21.8 22 21.8 22 21.8 22 21.8 22 21.8   | Maximum.  *C. 31.1 31.9 30.5 30.5 29.4 29.4 30.2 31.6 28.6 28.6 28.5 29.7 31.3   | Minimum.  *C. 22.8 22.7 22.3 22.5 23.4 23.3 23.4 22.5 22.6 24.3 22.8 22.8  | Maximum.  *C. 33.8 32.8 34.4 33.6 34.4 32.8 33.6 34.4 32.8 33.6 34.4 34.4 32.8 33.6 34.4 34.4 34.4 34.4 34.4                                    | Minimum.  °C. 24. 2 24. 4 24. 8 24. 5 24. 5 24. 5 24. 5 24. 5 24. 5 24. 5 25. 6 25. 2 25. 6 25. 2 25. 2  | Rom Maximum.  *C. 33 32.5 33.4 33.5 33.4 33.7 33.9 31.9 31.7 32.9 34.4 32.7 32.4 32.5 32.9   | Minimum.  *C. 25.1 25.3 24.9 26.1 25.4 23.9 25.3 24.7 25.3 24.7 25.3 24.7 25.3 24.7 25.3 24.6 24.7 25.3 24.8 24.8 24.7 25.3 24.8 24.8 24.8 24.8 24.8 24.8 24.8 24.8 | Maximum.  *C. 29.6 30.3 30.4 30.5 31.2 30.4 29.3 30.4 29.3 30.4 30.5 30.9 30.3 30.4 31.1 31.3  | Minimum.  • C. 24.8 23.9 24 24.16 24.8 22.6 24.3 24.3 24.8 25.5 24.5 23.5 24.5 24.5 24.5 24.5 24.5   | Maximum.  *C. 31 30.8 30.4 30.9 30.9  | ogon.  Minimum.  °C. 21.3 21.5 22 22 22 21.9 22.3  | Maximum.  *C. 32.1 31.8 31.7 31.8 32.1 31.8 32.1 31.8 32.5 31.8 31.8 32.5 31.8 31.8  | Mi mu 25 25. 25. 26. 25. 26. 25. 24. 24. 24. 23.                               |
| Mean             | 32.3<br>31.6<br>Boron<br>   | 25. 1  Minimum.  C. 23. 5 25. 8 23. 7 22. 8 26. 8 22. 8 23. 4 22. 7 23. 9 24. 4 22. 3 22. 4 22. 3 22. 4 22. 3  | 32. 2  Maximum.  *C. 30. 9 32. 32. 5 32. 8 33. 1 32. 1 31. 5 30. 9 30. 9 32. 3 31. 8 28. 3 27. 5 31. 2 29. 7 31. 7  | 24.4 dlogan.  Minimum.  °C. 21.3 21.8 21.9 22.7 22.5 23.2 22.4 22.8 22 21.8 22 21.5 21.5 21.5   | Maximum.  *C. 31.19 30.9 30.5 30.3 32.3 30.5 29.4 29.4 29.4 29.4 29.4 29.7 31.6 28.6 28.5 29 7 31.3 29.7                           | Minimum.  • C. 22.8 22.7 22.3 22.5 22.6 23.4 23.3 23.4 22.5 22.6 24 22.8 22.8 22.8   | Masi-mum.  *C. 33.8 32.8 34.6 33.6 33.4 34.4 34.4 32.8 33.6 34.6 34.34 34.4 34.8 34.34 34.4 34.34 34.4  | Minimum.  °C. 24. 2 24. 4 24. 8 24. 5 24. 5 24. 5 24. 5 24. 5 24. 5 24. 5 25. 6 25. 2 25. 6 25. 2 25. 2  | Rom Maximum.  *C. 33 32.5 33.4 33.5 33.4 33.9 31.7 32.9 34.4 32.7 32.9 33.9  | Minimum.  *C. 25. 1 25. 3 24. 9 26. 1 25. 4 22. 9 25. 4 23. 9 24. 7 25. 3 24. 9 24. 7 25. 3 24. 9 24. 6 25. 3  | Maximum.  *C. 630.3 30.4 30.5 31.2 31.2 31.2 30.4 29.3 30.4 30.5 30.9 30.3 30 31.4 31.3  | Minimum.  • C. 24.8 23.9 24.1 24.6 23.8 22.6 24.3 24.3 24.8 25.5 24.5 24.5 24.1 24.1   | Maximum.  *C. 31 30.8 30.4 30.9 30.9  | ogon.  Minimum.  °C. 21.3 21.5 22 22 22 21.9 22.3  | Maximum.  *C. 32.1 31.8 31.7 31.8 32.1 32.2 32.1 31.8 31.8 31.8 31.8 32.5 31.8 31.8 32.3   | 25 25. 25. 25. 25. 25. 24. 24. 24. 23. 23.                                     |
| Day.             | Maximum.  *C. 30.8 31.6 31.6 31.6 31.6 31.7 31.1 31.1 31.1 31.3 31.6 31.6 31.6 31.6   | 25. 1  Minimum.  °C. 23. 5 25. 8 23. 7 22. 8 26. 8 22. 8 22. 8 22. 7 22. 8 22. 7 22. 8 22. 7 22. 8 22. 4 22. 6 23. 6 24. 4   | 32. 2  Catba  Maximum.  °C. 30. 9 32. 5 32. 8 33. 1 32. 1 31. 5 30. 9 32. 8 33. 1 31. 5 30. 9 32. 3 31. 8 32. 7 31. 3 32. 7   | 24.4 dlogan.  Minimum.  °C. 21.3 21.8 21.9 22 21.9 22.5 22.7 22.5 22.7 22.5 22.4 22.8 22 21.8 22 21.5 21.5 21.2 22.4  | Maximum.  *C. 31. 1 31. 9 30. 9 30. 5 30 32. 3 30. 5 29. 4 30. 2 31. 6 28. 6 28. 6 28. 6 28. 7 29. 7 29. 7                         | Minimum.  *C. 22.8 22.7 22.3 22.5 22.6 23.4 23.3 23.4 22.5 22.6 24.3 22.8 22.8 22.8 22.8 22.8 22.8 22.8  | Maxi-mum.  *C. 33.8 32.8 34.4 33.6 33.6 34.4 34.4 34.4 34.4 34.8 34.4 34.8  | Minimum.  *C. 24. 2 24. 4 24. 8 24. 5 24. 5 25. 6 24. 5 25. 6 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 26. 2  | Maximum.  *C. 33 32.5 33 32.5 33.4 33.4 33.9 31.9 31.9 32.9 34.4 32.7 32.9 33.7  | Minimum.  *C. 25.1 25.3 24.9 26.1 25.4 25.4 22.3 26.1 25.4 22.3 24.7 25.3 24.7 25.3 24.6 25.3 24.7 25.3  | Bat Maximum.  *C. 29.6 30.3 30.4 30.5 31.2 30.4 29.3 30.4 30.5 31.1 31.3 31.1  | Minimum.  *C. 24.8 23.9 24.1 24.6 24.2 23.8 22.6 24.3 24.3 24.8 25.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5  | Maximum.  *C. 31 30.8 30.4 30.9 30.9  | ogon.  Minimum.  °C. 21.3 21.5 22 22 22 21.9 22.3  | Maximum.  *C. 32.1 31.8 31.7 31.8 32.1 31.8 32.3 32.5 31.8 31.8 31.8 31.8 31.8 31.8 31.8   | 25 25. 25. 25. 25. 24. 24. 25. 23. 25. 25. 25. 25. 25. 25. 25. 25. 25. 25      |
| Day.             | 32.3<br>31.6<br>Boron<br>*C.<br>30.8<br>31.<br>31.2<br>31.6<br>31.6<br>31.7<br>31.1<br>31.1<br>31.3<br>31.6<br>31.6<br>31.6<br>31.8<br>31.6<br>31.8 | 25. 1  mgan.  Minimum.  * C. 23. 5 25. 8 23. 7 22. 8 26. 8 23. 4 22. 8 23. 4 22. 7 23. 9 24. 4 22. 5 23 22. 4 22. 5 23 22. 4 22. 5 23 22. 4 22. 5 23 22. 4 22. 5 23 22. 4 22. 5 23 22. 4 22. 5 23 22. 4 22. 5 23 22. 4 22. 5 23 22. 4 22. 5 23 22. 4 22. 5 23 22. 4 22. 5 23 22. 4 22. 5 23 22. 4 22. 5 23 22. 4 22. 5 23 22. 4 22. 5 23 24. 4 22. 5   | 32. 2  Catba  Maximum.  *C. 30. 9 32. 32. 5 32. 8 33. 1 32. 1 31. 5 30. 9 32. 3 31. 8 28. 3 27. 5 31. 29. 7 31. 3 32. 7 31  | 24.4 dlogan.  Minimum.  °C. 21.3 21.9 22 21.9 22.7 22.5 23.2 22.4 22.8 22 21.5 21.2 22.4 22.2   | Maximum.  *C. 31.1 31.9 30.5 30.5 30.5 29.4 30.2 31.6 28.6 28.6 28.7 31.9 29.7 29.9 29.7   | Minimum.  • C. 22.8 22.7 22.3 22.5 22.6 23.4 22.5 22.6 24 22.8 22.8 22.8 22.8 22.8 22.8  | Masi-mum.  °C. 33.8 32.8 34.6 33.6 34.4 34.4 32.8 33.6 34.6 32.8 33.6 34.3 34.8 33.8  | Minimum.  °C. 24. 2 24. 4 24. 8 24. 6 25. 2 25. 6 24. 5 24. 5 24. 5 25. 6 25. 2 25. 2 25. 2 26. 6  | Rom Maximum.  *C. 33 32.5 33.4 33.5 33.4 33.9 31.7 32.9 34.4 32.7 32.4 32.5 32.9 33.7  | Minimum.  *C. 25. 1 25. 3 24. 9 26. 1 25. 4 25. 4 22. 9 25. 3 24. 9 24. 7 25. 3 24. 9 24. 7 25. 3 24. 1 24   | Maximum.  *C. 29.6 30.3 30.4 30.5 31.2 30.4 29.3 30.4 30.5 30.9 30.3 30 31.4 31.1 31.3 31.1  | Minimum.  *C. 24.8 23.9 24.1 24.6 24.3 24.3 24.3 24.3 24.5 24.5 24.5 24.1 24.2 24.2  | Maximum.  *C. 31 30.8 30.4 30.8 30.9 30.9   | ogon.  Minimum.  °C. 21.3 21.5 22 22 22.3 21.9 22.3  | Maximum.  *C. 32.1 31.8 31.7 31.8 32.1 31.8 32.1 31.8 32.5 31.8 31.8 32.5 31.8 32.5 31.8 32.5  | Minu 25 25. 25. 26. 25. 26. 224. 24. 25. 23. 225. 23.                          |
| Day.             | 32.3<br>31.6<br>Boron<br>*C.<br>30.8<br>31.<br>31.2<br>31.6<br>31.6<br>31.7<br>31.1<br>31.1<br>31.3<br>31.6<br>31.6<br>31.6<br>31.8<br>31.6<br>31.8 | 25. 1  Minimum.  *C. 23. 5 25. 8 23. 7 22. 8 22. 8 22. 8 22. 8 22. 8 22. 9 22. 7 22. 9 24. 4 22. 5 23. 4 24. 4 22. 5 23. 4 22. 5 23. 4 23. 6   | 32. 2  Catba  Maximum.  °C. 30. 9 32. 5 32. 8 33. 1 31. 5 30. 9 30. 9 30. 9 31. 8 28. 3 27. 5 31. 2 31. 2 31. 3 32. 7 31. 31. 6   | 24.4 dlogan.  Minimum.  °C. 21.3 21.8 21.9 22.7 22.5 23.2 22.4 22.8 22.2 21.5 21.5 21.5 21.5 21.5 21.5 21.5   | Maximum.  *C. 31.1 31.9 30.5 30.5 30.5 30.5 29.4 29.4 29.4 29.29.4 29.7 31.3 29.7 31.3 29.7 31.3 30.5                              | Minimum.  *C. 22.8 22.7 22.3 22.5 22.6 23.4 22.5 22.6 22.8 22.8 22.8 22.8 22.8 22.8 22.8   | Maximum.  *C. 33.8 32.8 33.6 33.6 33.6 33.6 34.4 32.8 33.6 32.8 34.4 34.4 32.8 33.6 34.6 34.6 34.8 34.8 34.8 34.8                               | Minimum.  *C. 24. 2 24. 4 24. 8 24. 5 24. 5 24. 5 24. 5 24. 5 25. 4 24. 8 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2  | Maximum.  *C. 33 32.5 33 32.5 33 4 33.4 33.4 34 32.9 31.7 32.9 34.4 32.5 32.9 33.7 32.9 33.7   | Minimum.  *C. 25. 1 25. 3 24. 9 25. 1 25. 4 25. 4 25. 4 25. 4 25. 3 24. 7 25. 3 24. 6 25. 3 24. 7 25. 3 24. 7 25. 3  | Bat Maximum.  *C. 29.6 30.3 30.4 30.4 30.4 30.5 31.2 31.2 30.4 30.5 30.9 30.3 30.4 31.1 31.3 31.1 31. | Minimum.  *C. 24.8 23.9 24.1 24.6 24.3 24.8 25.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5  | Maximum.  *C. 31 30.8 30.9 30.9 30.9  | ogon.  Minimum.  °C. 21.3 21.5 22 22 22 22.3 20  | Maximum.  *C. 32.1 31.8 32.1 32.2 32.1 32.3 31.8 31.8 31.8 31.8 31.8 31.8 31.8 31  | Mii mu 255. 255. 255. 225. 225. 225. 225. 225                                  |
| Day.             | 32.3<br>31.6<br>Boron<br>*C.<br>30.8<br>31.<br>31.2<br>31.6<br>31.6<br>31.7<br>31.1<br>31.1<br>31.3<br>31.6<br>31.6<br>31.6<br>31.8<br>31.6<br>31.8 | 25. 1  Minimum.  *C. 23. 5 25. 8 23. 7 22. 8 26. 8 23. 4 22. 7 22. 8 22. 7 22. 9 24. 4 22. 3 22. 4 22. 6 24. 4 22. 5 23. 4 23. 6 24. 4 22. 5 23. 4 23. 6 24. 4   | 32. 2  Catba  Maximum.  *C. 30. 9 32. 8 33. 1 32. 1 31. 5 30. 9 32. 8 31. 8 27. 5 31. 2 31. 7 31. 6 31. 6 31. 6   | 24.4  dlogan.  Minimum.  *C. 21.3 21.8 21.9 22 21.9 22.5 22.7 22.5 23 22 22.4 22.8 22.8 22 21.8 22.1 22.2 21.7 20   | Maximum.  *C. 31.1 31.9 30.5 30.5 29.4 30.2 31.6 28.6 28.6 28.5 29 29.7 29.9 31.3 29.7 29.9 33.4 32.3                              | Minimum.  *C. 22.8 22.7 22.3 22.5 22.6 23.4 23.3 23.4 22.5 22.6 24.3 22.8 22.8 22.8 22.8 22.8 22.8 22.8 22   | Masi-mum.  °C. 33.8 32.8 33.6 33.6 33.6 34.4 34.4 34.8 34.6 34.8 34.6 34.8 34.6 34.8 34.6 34.8  | Minimum.  °C. 24. 2 24. 4 24. 8 24. 5 24. 5 24. 5 24. 5 25. 6 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2  | Rom Maximum.  *C. 33 32.5 33.4 33.5 33.4 33.7 32.9 34.4 32.7 32.4 32.5 32.9 33.7 33.9 33.7   | Minimum.  *C. 25.1 25.3 24.9 26.1 25.4 25.3 26.1 25.4 25.3 24.7 25.3 24.7 25.3 24.6 25.3 24.6  | Bat Maximum.  *C. 29.6 30.3 30.4 30.5 31.2 30.4 29.3 30.4 30.5 30.9 30.3 30.3 30.3 30.1 4 31.1 32 31.1 30.8 31.1 30.8 31.1 30.8 31.4   | Minimum.  C. 8 23.9 24.1 24.6 24.8 22.6 24.3 24.8 25.5 24.5 24.5 24.1 24.2 24.3 22.6 23.6  | Maximum.  *C. 31 30.8 30.4 30.9 30.9 30.9 32.5  | ogon.  Minimum.  °C. 21.3 21.5 22 22 22.19 22.3  | Maximum.  *C. 32.1 31.8 31.7 31.8 32.1 31.8 32.1 31.8 32.3 31.8 32.3 32.5 31.8 31.8 32.3 32.5 31.8 31.8 32.3 32.5 31.8 31.8 32.3 32.8                        | Mii mu 25. 25. 25. 25. 25. 25. 25. 25. 25. 25.                                 |
| Day.             | 32.3<br>31.6<br>Boron<br>*C.<br>30.8<br>31.<br>31.2<br>31.6<br>31.6<br>31.7<br>31.1<br>31.1<br>31.3<br>31.6<br>31.6<br>31.6<br>31.8<br>31.6<br>31.8 | 25. 1  mgan.  Mini- mum.  °C. 23. 5 25. 8 23. 7 22. 8 26. 8 22. 8 23. 4 22. 7 23. 9 24. 4 22. 3 22. 4 22. 3 22. 4 22. 3 22. 4 22. 3 22. 4 22. 3 22. 4 22. 3 22. 4 22. 3 22. 4 22. 3 22. 4 22. 3 22. 4 22. 3 22. 4 22. 3 22. 4 22. 3 22. 4 22. 3 22. 4 22. 3 22. 4 22. 3 22. 4 22. 3 22. 4 22. 3 22. 4 22. 3  | 32. 2  Catba  Maximum.  •C. 30. 9 32. 32. 5 32. 8 33. 1 32. 1 31. 5 30. 9 32. 3 31. 8 27. 5 31. 2 29. 7 31. 3 32. 7 31. 3 32. 7 31. 3 31. 6 31. 3 31. 2   | 24.4 dlogan.  Minimum.  °C. 21.3 21.8 21.9 22.7 22.5 23.2 22.4 22.8 22.2 21.5 21.5 21.2 22.4 22.2 21.7 20 18.5  | Maximum.  *C. 31.1 31.9 30.9 30.5 30 32.3 30.5 29.4 29.4 29.4 29.4 29.4 29.7 31.3 29.7 31.3 29.7 31.3 29.7                         | Minimum.  *C. 22.8 22.7 22.3 22.5 22.6 23.4 22.5 22.8 22.8 22.8 22.8 22.8 22.8 22.8  | Maximum.  *C. 33.8 32.8 33.6 33.6 33.4 34.4 32.8 33.6 32.8 33.6 34.4 34.4 32.8 33.6 34.6 34.6 34.6 34.8 34.8 34.8 34.8 34.8                     | Minimum.  *C. 24. 2 24. 4 24. 8 24. 6 25. 8 24. 5 24. 5 25. 4 24. 5 25. 4 24. 5 25. 2 25. 2 26 25. 2 26 25. 2 26 25. 2 26 25. 2 26 25. 2   | Maximum.  °C. 33 32.5 33.4 33.4 33.5 33.4 34.3 31.9 32.9 34.4 32.5 32.9 33.7 32.9 33.5 33.6  | Minimum.  *C. 25. 1 25. 3 24. 9 26. 1 25. 4 22. 9 25. 3 24. 9 24. 7 25. 3 24. 9 24. 7 25. 3 24. 6 25. 3  | Bat Maximum.  *C. 29.6 30.3 30.4 30.5 31.2 31.2 30.4 30.5 30.9 30.3 30.4 31.1 31.3 31.1 32 31.1 32 31.1 32 31.1 32 31.1 32 31.1 32 31.1 32 31.1 32 31.1 32 31.1 31.3 31.1 32 31.1 32 31.1 32 31.1 32 31.1 32 31.1 31.3 31.1 32 31.1 32 31.1 31.3 31.1 32 31.1 31.3 31.1 32 31.1 31.3 31.1 32 31.1 31.3 31.1 32 31.1 32 31.1 31.3 31.1 32 31.1 31.3 31.1 32 31.1 31.3 31.1 32 31.1 31.3 31.1 31.1   | Minimum.  *C. 24.8 23.9 24.1 24.6 24.3 24.3 24.3 24.3 24.3 24.3 24.3 24.3  | Maximum.  *C. 31 30.8 30.9 30.9 30.9 30.9   | ogon.  Minimum.  °C. 21.3 21.5 22 22 22 22.3 20.3 21?  | Maximum.  *C. 32.1 31.8 32.1 32.2 32.1 33.8 32.5 32.3 31.8 31.8 31.8 32.3 32.5 32.3 31.8 31.8 32.3 32.3 32.3 32.3 32.3 32.3 32.3 32                          | Mii mu 25 25. 25. 25. 26. 25. 26. 25. 225. 225                                 |
| Mean             | 32.3<br>31.6<br>Boron<br>*C.<br>30.8<br>31.<br>31.2<br>31.6<br>31.6<br>31.7<br>31.1<br>31.1<br>31.3<br>31.6<br>31.6<br>31.6<br>31.8<br>31.6<br>31.8 | 25. 1  Minimum.  *C. 23. 5 25. 8 23. 7 22. 8 26. 8 22. 8 22. 7 22. 8 22. 7 22. 8 22. 7 22. 8 22. 4 23. 9 24. 4 22. 5 23. 4 22. 5   | 32. 2  Catba  Maximum.  °C. 30. 9 32. 5 32. 8 33. 1 32. 1 31. 5 30. 9 32. 8 33. 1 31. 2 31. 2 31. 3 31. 2 31. 3 31. 3 31. 2 31. 3   | 24.4  dlogan.  Minimum.  *C. 21.3 21.8 21.9 22 21.9 22.5 22.7 22.5 23 22 21.8 22.4 22.8 22 21.8 22 21.7 20.5 21.7 20.5 20.5 20.5  | Maximum.  *C. 31.1 31.9 30.9 30.5 30.5 29.4 30.2 31.6 28.6 28.6 28.6 28.7 31.3 29.7 31.3 29.7 30.3 30.3                            | Minimum.  • C. 22.8 22.7 22.3 6 23.4 22.5 22.6 22.8 22.8 22.8 22.8 22.8 22.8 22.8  | Maxi-mum.  *C. 33.8 32.8 34.4 33.6 33.6 34.4 32.8 33.4 34.4 34.4 34.4 34.4 34.4 34.4 34   | Minimum.  *C. 24. 2 24. 4 24. 8 24. 5 24. 5 25. 6 25. 2  | Maxi- mum.  *C. 33 32.5 33.4 33.4 33.5 33.4 34.3 32.9 34.4 32.7 32.9 33.7 32.9 33.7 33.8 33.8 33.8   | Minimum.  *C. 25.1 25.3 24.9 26.1 25.4 25.4 25.4 25.4 25.3 24.7 25.3 24.7 25.3 24.6 25.3 24.6 22.3 24.6 22.3   | Maximum.  *C. 29.6 30.3 30.4 30.5 31.2 30.4 29.3 30.4 30.5 30.9 30.9 30.9 30.1 31.1 31.3 31.1 32 31.1 30.8 31.4 31.8   | Minimum.  C. 24.8 23.9 24.1 24.6 24.2 24.3 24.3 24.3 24.5 24.5 24.5 24.5 24.5 24.5 24.6 23.4 22.6 23.4   | Maximum.  *C. 31 30.8 30.9 30.9 30.9 32.5 32.5 32.5 32.1  | ogon.  Minimum.  °C. 21.3 21.5 22 22 22 22.9 22.3 20 20.3 21? 20.7   | Maximum.  *C. 32.1 31.8 31.7 31.8 32.1 31.8 32.3 31.8 31.8 31.8 31.8 31.8 32.3 32.5 31.8 31.8 31.8 32.8 32.8 32.8 32.8 32.8                                  | Min mu 25 25. 25. 26. 25. 25. 225. 225. 225. 2                                 |
| Mean             | 32.3<br>31.6<br>Boron<br>*C.<br>30.8<br>31.<br>31.2<br>31.6<br>31.6<br>31.7<br>31.1<br>31.1<br>31.3<br>31.6<br>31.6<br>31.6<br>31.8<br>31.6<br>31.8 | 25. 1  mgan.  Minimum.  ° C. 23. 5 8 23. 7 22. 8 26. 8 23. 4 22. 7 23. 9 22. 7 23. 9 24. 4 22. 5 23. 4 22. 5 | 32. 2  Catba  Maximum.  *C. 30. 9 32. 32. 5 32. 8 33. 1 31. 5 30. 9 32. 3 31. 8 32. 7 31. 3 32. 7 31. 3 32. 7 31. 3 31. 3 31. 3 31. 3 31. 3 31. 3   | 24.4  dlogan.  Minimum.  *C. 21.3 21.9 22 21.9 22.7 22.5 22.4 22.8 22 21.5 21.2 22.4 22.2 21.7 20.1 20.2 21.7 | Maximum.  *C. 31.1 31.9 30.5 30.5 30.5 29.4 30.2 31.6 28.6 28.5 29 29.7 31.9 30.3 31.6 32.7 30.3 30.3                              | Minimum.  *C. 22.8 22.7 22.3 22.5 22.6 23.4 22.5 22.6 23.4 22.8 22.8 22.8 22.8 22.1 21.7 20.7 21.4   | Masi-mum.  *C. 33.8 32.8 33.6 33.6 33.4 34.4 32.8 33.6 34.6 34.8 34.8 34.8 34.8 34.8 34.8 34.8 34.8   | Minimum.  °C. 24. 2 24. 4 24. 8 24. 6 25. 2 24. 5 24. 5 24. 5 25. 6 25. 2 25. 2 25. 2 25. 2 25. 2 26. 6 25. 2 25. 2 25. 2 26. 6 25. 2 25. 2 26. 6 25. 4  | Rom Maximum.  *C. 33 32.5 33.4 33.5 33.4 33.9 31.7 32.9 34.4 32.7 32.7 32.9 33.7 33.7 33.8 33.8  | Minimum.  *C. 25. 3 24. 9 26. 1 25. 3 24. 9 26. 1 25. 4 25. 3 24. 9 25. 3 24. 9 24. 7 25. 3 24. 1 24 24. 6 22. 3 22. 4 23. 2   | Maximum.  *C. 29.6 30.3 30.4 30.5 31.2 31.2 30.4 29.3 30.4 31.1 31.3 31.1 32 31.1 31.3 31.1 32 31.1 31.3 31.1  | Minimum.  *C. 24.8 23.9 24.1 24.6 24.2 23.8 22.6 24.3 24.3 24.3 24.5 24.5 24.5 24.1 24.2 24.3 22.6 23.4 22.6   | Maximum.  *C. 31 30.8 30.4 30.9 30.9 30.9 30.9 30.9 30.9  | ogon.  Minimum.  °C. 21.3 21.5 22 22 22. 21.9 22.3 20 20.3 21? 20.7 21.5   | Maximum.  *C. 32.1 31.8 31.7 31.8 32.1 31.8 32.1 31.8 32.3 31.8 32.5 31.8 31.8 32.5 31.8 32.5 31.8 32.8 34.8 34.8  | Min mu 25 25. 25. 25. 25. 26. 25. 25. 224. 24. 25. 225. 225. 221. 221. 222.    |
| Mean             | 32.3<br>31.6<br>Boron<br>*C.<br>30.8<br>31.<br>31.2<br>31.6<br>31.6<br>31.7<br>31.1<br>31.1<br>31.3<br>31.6<br>31.6<br>31.6<br>31.8<br>31.6<br>31.8 | 25. 1  Minimum.  C. 23. 5 25. 8 23. 7 22. 8 26. 8 22. 8 22. 8 22. 8 22. 9 22. 7 23. 9 24. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 5 24. 5 25. 5 26. 8  | 32. 2  Catba  Maximum.  °C. 30. 9 32. 5 32. 8 33. 1 31. 5 30. 9 32. 8 32. 1 31. 5 31. 2 31. 3 31. 2 31. 3 31. 3 31. 3 31. 3 31. 5 32. 3   | 24.4  dlogan.  Minimum.  C. 21.3 21.8 21.9 22.5 22.7 22.5 22.7 22.5 22.4 22.8 22 21.8 22 21.8 22 21.8 22 21.5 21.5 21.5 21.5 21.5 21.5 21.5 2   | Maximum.  *C. 31.1 31.9 30.9 30.5 30.5 30.5 29.4 30.2 31.6 28.6 28.6 29.7 31.3 29.7 30.3 30.3 30.3                                 | Minimum.  • C. 22.8 22.7 22.3 22.5 22.6 23.4 22.5 22.6 24.3 22.8 22.8 22.8 22.8 22.8 22.1 21.7 21.7 21.4   | Maximum.  *C. 33.8 32.8 33.6 33.6 33.6 33.6 33.6 34.4 32.8 33.6 34.4 32.8 33.6 34.6 34.8 34.8 34.8 34.8 34.8 34.8 34.8 34.8                     | Minimum.  *C. 24. 2 24. 4 24. 8 24. 5 24. 5 24. 5 24. 5 25. 6 25. 2  | Maximum.  *C. 33 32.5 33 4 33.4 33.4 33.9 31.9 32.9 34.4 32.5 32.9 33.7 32.9 33.7 32.9 33.5 33.6 33.9 33.5   | Minimum.  *C. 25.1 25.3 24.9 26.1 25.4 25.4 25.4 25.3 24.7 25.3 24.7 25.3 24.6 25.3 24.1 24 24.2 24.2 23.2 24.3  | Bat Maximum.  *C. 29.6 30.3 30.4 30.5 31.2 30.4 30.5 30.9 30.3 30.4 31.1 31.3 31.1 32 31.1 32 31.4 31.5 33.8   | Minimum.  *C. 8 23.9 24.1 24.6 24.8 22.6 24.3 24.5 24.5 24.5 24.5 24.1 24.2 24.3 22.6 23.4 22.4 3 22.6 23.4 22.4 4 22.4 6 23.4 6 23.4 22.4 6 23.4 22.4 6 23.4 22.4 6 23.4 22.4 6 23.4 22.4 6 23.4 22.4 6 23.4 22.4 | Maximum.  *C. 31 30.8 30.9 30.9 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5                               | ogon.  Minimum.  °C. 21.3 21.5 22 22 22.3 20 20.3 21? 20.7 21.5 21.5 21.5  | Maximum.  *C. 32.1 31.8 31.7 31.8 32.2 32.1 31.8 32.2 32.3 31.8 31.8 31.8 31.8 31.8 31.8 31.8 31   | 25. 25. 25. 25. 25. 25. 225. 225. 225.   |
| Mean             | 32.3<br>31.6<br>Boron<br>*C.<br>30.8<br>31.<br>31.2<br>31.6<br>31.6<br>31.7<br>31.1<br>31.1<br>31.3<br>31.6<br>31.6<br>31.6<br>31.8<br>31.6<br>31.8 | 25. 1  mgan.  Minimum.  *C. 23. 5 25. 8 23. 7 22. 8 26. 8 23. 4 22. 8 23. 4 22. 7 23. 9 22. 7 23. 9 22. 7 23. 9 22. 7 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4  | 32. 2  Catba  Maximum.  *C. 30. 9 32. 5 32. 8 33. 1 32. 1 31. 5 30. 9 32. 3 31. 2 31. 2 31. 3 31. 2 31. 3 31. 2 31. 3 31. 5 32. 3 31. 5 32. 3   | 24.4  dlogan.  Minimum.  *C. 21.3 21.9 22 21.9 22.5 22.7 22.5 22.2 21.8 22 21.8 22 21.8 22 21.8 22 21.8 22 21.8 22 21.5 20.2 21.7 20 18.5 20.2 21.7 20 21.5 20.2 21.5 20.5 23.5   | Maximum.  *C. 31.1 31.9 30.5 30.5 29.4 30.2 31.6 28.6 28.5 29.7 29.9 29.7 29.9 30.3 30.3 30.3 30.3                                 | Minimum.  •C. 22.8 22.7 22.3 22.5 22.6 23.4 23.3 22.5 22.6 22.4 22.8 22.8 22.8 22.8 22.8 22.8 22.1 21.7 21.4 22.2 23.6   | Masi-mum.  °C. 33.8 32.8 33.6 33.6 33.6 33.6 34.4 34.8 33.6 34.6 34.8 34.8 34.8 34.8 33.6 34.8 34.8 34.8 33.8                                   | Minimum.  °C. 24. 2 24. 4 4 24. 8 24. 5 24. 5 24. 5 22. 5 6 25. 2  | Rom Maximum.  *C. 33 32.5 33.4 33.5 33.4 33.7 32.9 34.4 32.7 32.4 32.5 32.9 33.7 33.9 34.5 33.9  | Minimum.  *C. 25.1 25.3 24.9 26.1 25.4 25.3 26.1 25.4 25.3 24.7 25.3 24.7 25.3 24.7 25.3 24.1 24 24 24 24 24 24 24 24 24 24 23 22 24 23 24 23 25 24 23 25 24 23 22 24 23   | Maximum.  *C. 29.6 30.3 30.4 30.5 31.2 31.4 30.5 30.3 30.4 29.3 30.4 29.3 31.1 30.8 31.1 31.3 31.1 32 31.1 30.8 31.4 31.8 31.4 31.8 31.4 31.8 33.8   | Minimum.  *C. 24.8 23.9 24.1 24.6 24.3 24.8 25.5 24.5 24.5 24.5 24.1 24.2 24.3 22.4 22.4 22.4 22.4 22.4  | Maximum.  *C. 31 30.8 30.4 30.9 30.9 30.9 32.5 32.1 32.5 32.1 32.5 32.9 32.9 32.9 32.9                | ogon.  Minimum.  °C. 21.3 21.5 22 22 22.19 22.3 20 20.3 217 20.7 21.5 21.5 22                                    | Maximum.  *C. 32.1 31.8 31.7 31.8 32.1 31.8 32.1 31.8 32.3 31.8 31.8 32.3 31.8 31.8 32.8 31.8 31.8 32.8 33.8 31.8 31.8 32.8 33.8 33.8 33.8 33.8 33.8 33.8 33 | Min mu 25 25. 25. 25. 25. 26. 25. 25. 225. 225                                 |
| Mean             | 32.3<br>31.6<br>Boron<br>*C.<br>30.8<br>31.<br>31.2<br>31.6<br>31.6<br>31.7<br>31.1<br>31.1<br>31.3<br>31.6<br>31.6<br>31.6<br>31.8<br>31.6<br>31.8 | 25. 1  Minimum.  *C. 23. 5 25. 8 23. 7 22. 8 23. 9 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 9 24. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 21. 3 21. 3 21. 3 21. 3 22. 5 23. 24. 1   | 32. 2  Catba  Maximum.  °C. 30. 9 32. 5 32. 8 33. 1 31. 5 30. 9 30. 9 30. 9 30. 9 31. 8 28. 3 27. 5 31. 2 31. 3 31. 5 31. 6 31. 3 31. 6 31. 3 31. 3 31. 3 31. 3 32. 7   | 24.4  dlogan.  Minimum.  *C. 21.3 21.8 21.9 22.7 22.5 22.7 22.5 22.4 22.8 22.2 21.5 21.5 21.5 21.5 21.5 21.5 21.5   | Maximum.  *C. 31.1 31.9 30.5 30.5 30.5 30.5 29.4 29.4 29.4 29.4 29.7 31.3 29.7 31.3 29.7 31.3 29.7 30.3 30.3 30.5                  | Minimum.  *C. 22.8 22.7 22.3 22.5 22.6 23.4 22.5 22.8 22.8 22.6 24.3 22.8 22.8 22.8 22.1 21.7 21.7 21.4 22.2 23.6 23.5   | Maximum.  *C. 33.8 32.8 33.6 33.6 33.6 33.6 34.4 32.8 33.6 34.3 34.4 34.8 33.6 34.8 34.8 33.6 34.8 34.8 33.6 34.8 33.6 34.8 34.8 33.6 34.8 33.6 | Minimum.  *C. 24. 2 24. 4 24. 8 24. 6 25. 8 24. 5 24. 5 24. 5 25. 4 24. 8 25. 2 25. 4 25. 4 25. 8 25. 4  | Maximum.  *C. 33 32.5 33.4 33.4 33.4 33.9 31.7 32.9 34.7 32.9 33.7 32.9 33.6 33.8 33.9 34.5 34.5 34.1  | Minimum.  *C. 25. 1 25. 3 24. 9 25. 4 25. 4 25. 4 25. 4 25. 3 24. 7 25. 3 24. 6 25. 3 24. 6 25. 3 24. 6 25. 3 24. 6 25. 3 24. 6 25. 3 24. 6 25. 3 24. 6 25. 3 24. 6 25. 3  | Bat Maximum.  *C. 29.6 30.3 30.4 30.5 31.2 31.2 31.2 30.4 30.5 30.9 30.3 30.4 31.4 31.3 31.1 31.3 31.1 31.3 31.1 31.3 31.1 32.3 31.4 31.5 33.8 33.8 33.8 33.8 33.8 33.8 33.8 33  | Minimum.  *C. 24.8 23.9 24.1 24.6 24.8 22.6 24.3 24.5 524.5 524.1 24.2 24.3 22.6 23.4 22.4 22.4 22.4 22.4 22.4 22.4 22.4   | Maximum.  *C. 31 30.8 30.9 30.9 30.9 30.9 30.9 30.9 30.9 30.9   | ogon.  Minimum.  °C. 21.3 21.5 22 22 22 22.3 20.3 21? 20.7 21.5 22 21.9  | Maximum.  *C. 32.1 31.8 32.1 32.2 32.1 32.3 31.8 32.3 31.8 31.8 31.8 32.3 31.8 31.8 32.3 32.5 32.3 33.4 32.8 33.5 34.4 34.4                                  | Min mu 255. 255. 255. 266. 255. 225. 225. 225.                                 |
| Mean             | 32.3<br>31.6<br>Boron<br>*C.<br>30.8<br>31.<br>31.2<br>31.6<br>31.6<br>31.7<br>31.1<br>31.1<br>31.3<br>31.6<br>31.6<br>31.6<br>31.8<br>31.6<br>31.8 | 25. 1  Minimum.  *C. 23. 5 25. 8 23. 7 22. 8 26. 8 23. 4 22. 7 22. 8 22. 7 22. 8 22. 7 22. 8 22. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 23. 6 24. 1 22. 5 23. 1 22. 5 23. 1 23. 3   | 32. 2  Catba  Maximum.  °C. 30. 9 32. 5 32. 8 33. 1 32. 1 30. 9 32. 3 31. 2 31. 2 31. 3 31. 2 31. 3 31. 3 31. 3 31. 3 31. 5 32. 3 31. 7 31. 6 31. 3 31. 7 31. 6 31. 3 31. 7 31. 7 31. 7 31. 8 31. 3   | 24.4  dlogan.  Minimum.  *C. 21.3 21.8 21.9 22.9 22.5 23.2 21.9 22.5 23.2 21.5 21.5 21.2 22.4 22.8 22.8 22.1 21.5 21.5 21.5 21.5 21.5 21.5 21.5   | Maximum.  *C. 31. 1 31. 9 30. 9 30. 5 30. 5 29. 4 30. 2 31. 6 28. 6 28. 6 28. 6 28. 6 29. 7 31. 3 29. 7 30. 3 30. 3 30. 7 30. 5 31 | Minimum.  • C. 22.8 22.7 22.3 22.5 22.6 23.4 22.3 22.5 22.6 23.4 22.5 22.6 24.3 22.8 22.8 22.8 22.8 22.8 22.8 22.8 22  | Maximum.  *C. 33.8 32.8 33.6 33.6 33.6 34.4 32.8 33.6 32.8 34.6 32.8 33.6 34.4 34.8 34.6 34.8 34.8 34.6 34.8 34.8 34.8 34.8 34.8 34.8 34.8 34.8 | Minimum.  *C. 24. 2 24. 4 24. 8 24. 5 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 2 25. 6 25. 2 25. 6 25. 2 25. 6 25. 2 25.  | Rom Maximum.  *C. 33 32.5 33.4 33.5 33.4 33.9 31.9 31.7 32.9 34.4 32.5 32.9 33.7 32.9 33.7 32.9 33.7 33.9 33.5 33.6 33.9 34.5 33.9 34.5                              | Minimum.  *C. 25.1 25.3 24.9 26.1 25.4 25.4 25.3 24.7 25.3 24.7 25.3 24.6 22.3 24.3 24.6 22.3 24.2 24.3 25.1 24.2 25.5   | Bat Maximum.  *C. 29,6 30,3 30,4 30,5 31,2 30,4 29,3 30,4 30,5 30,9 30,3 30,1 31,1 31,3 31,1 32,1 31,3 31,1 32,3 31,1 33,3 31,1 33,3 31,1 32,3 31,3 31   | Minimum.  *C. 24.8 23.9 24.1 24.6 24.3 24.3 24.3 24.5 24.5 24.5 24.5 24.1 24.1 24.2 24.3 22.6 23.4 22.4 22.4 22.4  | Maximum.  *C. 31 30.8 30.9 30.9 30.9 30.9 30.9 30.9 30.9 30.9   | ogon.  Minimum.  °C. 21.3 21.5 22 22 22.3 20 20.3 21? 20.7 21.5 22.1 20.7 21.5 22.1 21.5 22.1 21.5 22.8 21.9     | Maximum.  *C. 32.1 31.8 31.7 31.8 32.1 31.8 32.1 31.8 31.8 31.8 31.8 31.8 31.8 31.8 31   | Min mu 255. 255. 255. 255. 225. 225. 225. 225                                  |
| Mean             | 32.3<br>31.6<br>Boron<br>*C.<br>30.8<br>31.<br>31.2<br>31.6<br>31.6<br>31.7<br>31.1<br>31.1<br>31.3<br>31.6<br>31.6<br>31.6<br>31.8<br>31.6<br>31.8 | 25. 1  mgan.  Minimum.  ° C. 23. 5 25. 8 23. 7 22. 8 26. 8 23. 4 22. 7 23. 9 22. 7 23. 9 24. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 24. 1 23. 3 24. 1 23. 3 24. 3   | 32. 2  Maximum.  *C. 30. 9 32. 5 32. 8 33. 1 31. 5 30. 9 30. 9 30. 9 30. 9 31. 8 28. 3 27. 5 31. 2 31. 3 31. 6 31. 3 31. 6 31. 3 31. 3 31. 5 31. 3  | 24.4  Minimum.  C. 3 21.8 21.9 22.9 22.5 22.7 22.5 23.5 22.1 22.4 22.8 22.2 21.5 21.5 21.5 22.4 22.2 21.5 23.5 23.5 23.5 23.5 23.5 23.5 23.5 23   | Maximum.  *C. 31.1 31.9 30.9 30.5 30 32.3 30.5 29.4 29.4 29.4 29.7 31.3 29.7 31.3 29.7 31.3 30.7 30.3 30.7 30.5 31 31.4            | Minimum.  *C. 22.8 22.7 22.3 22.5 22.6 23.4 22.5 22.8 22.8 22.8 22.8 22.8 22.8 22.1 20.7 21.4 22.2 23.6 23.4 22.4 22.4 22.4 23.5 23.5 23.6 23.6                          | Maximum.  *C. 33.8 32.8 33.6 33.6 33.6 33.6 33.6 34.4 34.4 32.8 33.6 33.6 34.6 34.4 34.8 33.6 34.6 34.8 34.8 34.8 34.8 34.8 34.8 34.8 34.8      | Minimum.  24. 2 24. 4 24. 8 24. 6 25. 8 24. 5 24. 5 25. 8 25. 2  | Maximum.  °C. 33 32.5 33.4 33.4 33.5 33.4 33.9 33.7 32.9 33.6 33.8 33.7 32.9 33.6 33.8 33.6 33.8 34.1 34.2 34.9  | Minimum.  26. 1 25. 3 26. 1 25. 3 26. 1 25. 4 23. 9 26. 1 25. 4 23. 9 24. 7 25. 3 24. 1 24. 22 24. 3 22. 4 23. 22 24. 3 25. 1 26. 2 26. 5 24. 3  | Bat Maximum.  *C. 29. 6 30. 3 30. 4 30. 5 31. 2 31. 2 31. 2 30. 4 30. 5 30. 3 30. 4 30. 5 30. 8 31. 4 31. 1 32. 1 30. 8 31. 4 31. 5 31. 1 32. 31. 1 32. 31. 1 32. 31. 1 32. 31. 1 32. 31. 6 31.  | Minimum.  *C. 24.8 23.9 24.1 24.6 24.3 24.8 22.6 24.3 24.1 24.2 24.3 22.6 23.4 22.6 23.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.5 24 23.4 23.4 23.4 23.4 23.4 23.4 23.4 2  | Maximum.  *C. 31 30.8 30.9 30.9 30.9 30.9 30.9 30.9 30.9 30.9   | ogon.  Minimum.  °C. 21.3 21.5 22 22 22 22.3 20.3 21? 20.7 21.5 22 21.8 21.8 21.9 21.4                           | Maximum.  *C. 32.1 31.8 32.1 32.2 32.1 31.8 32.3 31.8 32.3 31.8 32.3 32.8 32.8 32.8 32.8 32.8 34.4 34.6 32.9   | Min mu 25 25. 25. 25. 25. 25. 25. 25. 25. 25.                                  |
| Mean             | 32.3<br>31.6<br>Boron<br>*C.<br>30.8<br>31.<br>31.2<br>31.6<br>31.6<br>31.7<br>31.1<br>31.1<br>31.3<br>31.6<br>31.6<br>31.6<br>31.8<br>31.6<br>31.8 | 25. 1  Minimum.  C. 23. 5 25. 8 23. 7 22. 8 26. 8 22. 8 22. 8 22. 8 22. 7 22. 8 22. 8 22. 4 23. 9 24. 4 22. 5 23. 4 24. 4 22. 5 23. 4 24. 4 24. 5 24. 4 24. 5 24. 4 24. 5  | 32. 2  Catba  Maximum.  °C. 30. 9 32. 5 32. 8 33. 1 31. 5 30. 9 32. 3 31. 8 28. 3 27. 5 31. 2 31. 3 31. 2 31. 3 31. 3 31. 2 31. 3 31. 3 31. 2 31. 3 | 24.4  Minimum.  C. 21.3 21.8 21.9 22.9 22.5 22.7 22.5 22.7 22.5 22.4 22.8 22 21.5 21.5 21.5 21.5 21.5 21.5 21.5 2   | Maximum.  *C. 31.1 31.9 30.9 30.5 30.5 30.5 29.4 30.2 31.6 28.6 28.6 28.6 29.7 31.3 29.7 29.9 30.3 30.3 30.3 30.7 30.7 30.5        | Minimum.  • C. 22.8 22.7 22.3 6 23.4 22.5 22.6 23.4 22.5 22.6 22.8 22.8 22.8 22.8 22.8 22.8 22.8   | Maximum.  *C. 33.8 32.8 33.6 33.6 33.6 33.6 33.4 34.4 32.8 33.6 34.4 34.8 34.8 34.8 34.8 34.8 34.6 34.6 34.6 34.6 34.6 34.6 34.6 34.6           | Minimum.  • C. 24. 2 24. 4 24. 8 24. 5 25. 2 25. 2 25. 2 25. 2 25. 6 25. 6 25. 6 25. 6 25. 4 24. 8 25. 8 25. 4 25. 8 25. 4 25. 8 25. 4 25. 8 25. 4 25. 8 25. 4 25. 8 25. 4 25. 8 25. 4 25. 5 26. 4 25. 5 26. 4 25. 5 25. 5 26. 4 25. 5 25. | Maximum.  *C. 33 32.5 33 32.5 33.4 33.4 33.5 33.4 34.7 32.9 33.5 32.9 33.7 32.9 33.7 32.9 33.7 32.9 33.7 32.9 33.7 32.9 33.7 33.9 33.6 33.8 33.9 34.5 34.9 34.9 34.9 | Minimum.  *C. 25. 1 25. 3 26. 1 25. 4 25. 4 25. 4 25. 4 25. 3 26. 1 25. 4 24. 6 22. 3 24. 7 25. 3 24. 6 22. 3 24. 7 25. 3 24. 6 22. 3 24. 7 24. 6 22. 3 24. 7 24. 6 22. 3 24. 7 24. 6 22. 3 24. 7 24. 6 22. 3 24. 3 25. 1 24. 3 25. 1 26. 22. 3 26. 1 24. 3  | Bat Maximum.  *C. 29.6 30.3 30.4 30.5 31.2 30.4 30.5 31.2 31.1 31.3 31.1 31.3 31.1 32 31.4 31.5 33.8 31.4 31.5 33.8 31.4 31.5 33.8   | Minimum.  • C. 8 23. 9 24. 1 24. 6 24. 3 24. 4 25. 5 24. 1 24. 1 24. 2 24. 3 22. 6 23. 4 22. 6 23. 4 24 24 25. 5 24. 5 24. 5 23. 5 24. 1 24. 2 24. 3 22. 6 23. 4 24. 24. 25. 24. 24. 23. 4 24. 24. 25. 24. 23. 4 24. 23. 4 24. 23. 4 24. 23. 4 24. 23. 4 24. 23. 4 24. 23. 4 24. 23. 4 24. 23. 4 24. 23. 4 24. 23. 4 24. 23. 5   | Maximum.  *C. 31 30.8 30.9 30.9 30.9 32.5 32.5 32.5 32.5 32.1 32.5 32.1 32.5 32.3 33.3 33.3 33.3 33.3 | ogon.  Minimum.  °C. 21.3 21.5 22 22 22.9 22.3 20 20.3 21.7 21.5 22 21.9 21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5 | Maximum.  *C. 32.1 31.8 31.7 31.8 32.1 32.3 32.5 31.8 31.8 31.8 31.8 31.8 31.8 31.8 31.8   | Minu 25 25. 25. 25. 25. 25. 26. 225. 225. 22                                   |
| Mean             | 32.3<br>31.6<br>Boron<br>*C.<br>30.8<br>31.<br>31.2<br>31.6<br>31.6<br>31.7<br>31.1<br>31.1<br>31.3<br>31.6<br>31.6<br>31.6<br>31.8<br>31.6<br>31.8 | 25. 1  mgan.  Minimum.  ° C. 23. 5 25. 8 23. 7 22. 8 26. 8 23. 4 22. 7 23. 9 22. 7 23. 9 24. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 22. 5 23. 4 24. 1 23. 3 24. 1 23. 3 24. 3   | 32. 2  Maximum.  *C. 30. 9 32. 5 32. 8 33. 1 31. 5 30. 9 30. 9 30. 9 30. 9 31. 8 28. 3 27. 5 31. 2 31. 3 31. 6 31. 3 31. 6 31. 3 31. 3 31. 5 31. 3  | 24.4  Minimum.  C. 3 21.8 21.9 22.9 22.5 22.7 22.5 23.5 22.1 22.4 22.8 22.2 21.5 21.5 21.5 22.4 22.2 21.5 23.5 23.5 23.5 23.5 23.5 23.5 23.5 23   | Maximum.  *C. 31.1 31.9 30.9 30.5 30 32.3 30.5 29.4 29.4 29.4 29.7 31.3 29.7 31.3 29.7 31.3 30.7 30.3 30.7 30.5 31 31.4            | Minimum.  *C. 22.8 22.7 22.3 22.5 22.6 23.4 22.5 22.8 22.8 22.8 22.8 22.8 22.8 22.1 20.7 21.4 22.2 23.6 23.4 22.4 22.4 22.4 22.5 23.6 23.6 23.6 23.6 23.6 23.6 23.6 23.6 | Maximum.  *C. 33.8 32.8 33.6 33.6 33.6 33.6 33.6 34.4 34.4 32.8 33.6 33.6 34.6 34.4 34.8 33.6 34.6 34.8 34.8 34.8 34.8 34.8 34.8 34.8 34.8      | Minimum.  24. 2 24. 4 24. 8 24. 6 25. 8 24. 5 24. 5 25. 8 25. 2  | Maximum.  °C. 33 32.5 33.4 33.4 33.5 33.4 33.9 33.7 32.9 33.6 33.8 33.7 32.9 33.6 33.8 33.6 33.8 34.1 34.2 34.9  | Minimum.  26. 1 25. 3 26. 1 25. 3 26. 1 25. 4 23. 9 26. 1 25. 4 23. 9 24. 7 25. 3 24. 1 24. 22 24. 3 22. 4 23. 22 24. 3 25. 1 26. 2 26. 5 24. 3  | Bat Maximum.  *C. 29. 6 30. 3 30. 4 30. 5 31. 2 31. 2 31. 2 30. 4 30. 5 30. 3 30. 4 30. 5 30. 8 31. 4 31. 1 32. 1 30. 8 31. 4 31. 5 31. 1 32. 31. 1 32. 31. 1 32. 31. 1 32. 31. 1 32. 31. 6 31.  | Minimum.  *C. 24.8 23.9 24.1 24.6 24.3 24.8 22.6 24.3 24.1 24.2 24.3 22.6 23.4 22.6 23.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.4 22.6 23.4 22.5 24 23.4 23.4 23.4 23.4 23.4 23.4 23.4 2  | Maximum.  *C. 31 30.8 30.9 30.9 30.9 30.9 30.9 30.9 30.9 30.9   | ogon.  Minimum.  °C. 21.3 21.5 22 22 22 22.3 20.3 21? 20.7 21.5 22 21.8 21.8 21.9 21.4                           | Maximum.  *C. 32.1 31.8 32.1 32.2 32.1 31.8 32.3 31.8 32.3 31.8 32.3 32.8 32.8 32.8 32.8 32.8 34.4 34.6 32.9   | Min mu 25 25. 25. 25. 25. 25. 25. 25. 25. 25.                                  |

Maximum and minimum temperatures at the stations of the Weather Bureau, May, 1918—Continued.

|  | _    |  | nay,<br>am.   | Cala  | pan.  | Vir  | ac.a  | Na  | aga.  | Tig   | aon.  | Bata   | ngas.   | Luc   | ena.   | Atim   | on <b>an.</b>  |
|--|------|--|---|---|---|--|---|---|---|---|---|--|---|---|--|--|--|
|  | Day. |  |   |   |   |  |   |   |   |   |   |  |   |   |  |  | Min  |
| 2.   30.4   24.8   38   22   22.3   20.1   33.6   10.4   32.9   21.4   35.7   24.4   32.3   23.6     |      | °C.  | °C.   | °C.   | °C.   | °C.  | °C.   | °C.   | °C.   | °C.   | °C.   | °C.  | °C.   | °C.   | °C.  | °C.  | •c.  |
| 90.6   25.2   22.5   23.5   31.5   21.2   33.9   13.6   33.1   21.8   35.8   24.8   32.6   23.6      | 1    |  |   |   |   |  |   | 33.3  |   |   |   |  | 23.1  |   |  |  | 25. 9  |
| 30.6   25.6   31.5   23.6   32.6   22.6   21.   34.5   18.9   33   20.4   35.9   24.7   32.9   23.4   31.7   23.5   33.6   21.5   33.6   21.5   33.6   21.5   33.6   21.5   33.6   23.6   33.8   23.6   33.6   23.   |      |  |   |   |   |  |   |   |   |   |   |  | 24.4  |   |  |  | 24.1   |
| 30.4   25.4   32.5   32.6   21.2   34.2   18.9   33.2   21.9   36.1   22.5   32.6   22.6   23.6   32.6   23.6   32.6      |      |  |   |   |   |  |   |   |   |   |   |  |   |   | 23.5   |  | 25. 2  |
| 30   |      |  |   |   |   |  |   |   |   |   |   |  |   |   | 23.4   |  |  |
| 13   |      |  |   | 32.5  | 20.0  |  |   |   |   |   |   |  |   | 22.0  | 23.0   |  |  |
| 93.8   25.4   32.5   24.1   30.5   20.8   33.6   21.4   33.8   22.3   36   24.2   32.2   24.2   32.2   24.3   33.6   23.6   33.6 |      |  |   |   |   |  |   |   |   | 33 1  |   |  |   |   | 24   |  | 25.  |
| 93.6   25.4   32.5   23   32   21.6   33.6   20.4   38.8   23.4   38.2   24.1   24.2   24.2   24.3   |      |  |   |   |   |  |   |   |   |   |   |  |   |   |  | 32   | 26.  |
| 1816   25.8   33   23.5   32.5   32   22.1   33.7   21.7   33.6   23.6   33.6   32.6   33.6   |      |  |   |   |   |  |   |   | 20.4  |   |   |  |   |   |  |  | 24.  |
| 30   |      |  |   |   |   |  |   |   |   |   |   |  |   |   |  |  | 24   |
| Sol. 8   25.4   33.4   24.5   31   21.7   33.4   20.4   32.8   22.7   36.   24.9   32.3   24.5   31.4   24.5   31.6   22.5   32.5   24.5   32.5   24.5   33.8   20.5   32.5   24.5   33.8   24.5   2   |      |  |   |   |   |  | 22  |   |   |   | 22.6  |  |   |   |  |  | 23.  |
| 30.8   26.4   33   22.5   32.8   21.4   33.1   21   33.8   20.4   33.6   22.4   33.8   22.6   27.5   23.3   30.4   23.2   30.8   23.6   30.8   30.8   23.6   30.8   |      |  |   |   |   |  |   |   |   |   | 22.9  |  |   |   |  |  |  |
| 31.5   26   32.5   22.5   32.8   21.5   33.8   20.4   32.4   21.3   36.4   22.8   27.7   24   31.2   28.5   33.6   24.2   23.8   27.7   24   31.2   28.5   23.5     |      |  |   |   |   |  |   |   |   |   | 22.7  |  |   |   |  |  |  |
| 30.8   25   33   24   31   21   33.6   19.6   32.5   20.3   36.2   24.2   32.6   22.6   31.7   24.5  |      |  |   |   |   |  |   |   |   |   |   |  |   |   |  |  |  |
| 30.8   25.6   23.2   24.5   24.5   22.5   23.5   22.2   23.4   34.9   24.5   25.6   23.7   24.5      |      |  |   | 33  |   |  |   |   |   |   |   |  |   |   |  |  | 23.8   |
| 30.8   26.2   33.6   22.5   32.5   22.2   22.1   33.5   20.2   32.2   22.4   34.9   24   30.6   22.7   31.5   24   33.6   22.5   21.3   35.5   31.4   32.1   21.9   36.3   24.8   30.7   21.4   32.4   23.3   33.5   24.8   33.5   24.8   33.5   24.8   33.5   24.8   33.5   24.8   33.5   24.8   33.5   24.8   33.5   24.8   33.5   24.8   33.5   24.8   33.5   24.8   33.5   24.8   33.5   24.8   33.5   24.8   33.5   24.8   33.5   24.8   33.5   24.8   33.5   24.8   33.5   24.8   33.5   22.5   32.5   31.6   22.2   32.5   22.3   31.6   22.2   32.5   22.3   31.6   22.2   32.5   22.3   31.6   22.2   32.5   22.8   33.5   24.8   33.5   22.8   23.5   |      |  |   |   |   |  |   |   |   |   |   |  |   |   |  |  | 24.  |
| 30.4   24   33.5   24.5   32.5   32.4   21.7   34.6   19.7   32.4   22.6   36.5   24.5   75.5   23.6   31.4   24.5   33.5   24.8   33.7   24.4   32.4   27.5   23.6   31.4   24.5   23   |      |  | 26. 2   |   |   |  |   |   |   |   | 22.4  |  |   |   |  |  | 24.  |
| 30.4   25   33.5   25   32.3   20.5   34.5   19   33   20.4   35.9   23.2   31.5   22   32.4   24.2  |      | 30.4   | 24  |   | 23.5  |  |   |   |   |   |   |  |   |   |  | 31.4   | 24.  |
| 29.8 24.4 33.1 23 31.5 20 34.7 17.2 33.9 18.7 35.7 23 31.6 22 33.2 23.3 22.5 33.6 22.6 32.5 32.5 35.5 30.2 35.1 17.6 33.8 18.6 34.8 24.2 31.4 22 33.8 23.3 29.67 23.2 23.5 22.5 35.5 30.2 25 35.5 20.2 35.5 20.1 35 20.6 34.4 25.1 31.5 21.6 33.7 34.4 32.3 31.4 24.3 31.4 22.3 33.6 24.5 33.7 34.4 32.3 30.4 24.2 33.5 24.9 33.6 22.5 34.8 32.2 33.6 22.5 34.8 22.9 34.9 34.9 32.3 30.2 24.4 32.2 22.9 32.8 21.9 34.4 21.5 34.1 22.2 34.5 22.5 34.5 32.3 30.2 24.8 33.5 23.1 33.6 22.5 35.5 21.3 33.6 21.9 34.8 22.5 34.5 22.1 34.7 23.3 30.2 24.8 33.5 23.4 32.4 21.3 35.4 21.1 33.1 23.3 44.5 23.5 32.2 21.8 34.7 24.3 30.2 25.8 32.5 21.8 34.8 21.5 34.2 21.8 34.7 24.3 30.2 25.8 32.5 21.6 33.8 21.5 34.2 21.1 34.8 21.1 34.5 21.5 35.5 21.1 34.8 21.1 34.1 22.2 34.8 24.4 32.2 21.8 34.7 24.4 32.2 31.9 34.8 24.4 32.2 31.7 24.6 32.8 32.8 32.8 32.8 32.8 32.8 32.8 32.8   |      |  |   |   |   |  |   |   |   |   |   |  |   |   |  |  | 27.  |
| 131   23.4   33.9   22.5   32.5   19   35.1   17.6   33.8   18.6   34.8   24.2   31.4   22   33.8   23.6     29.67   23.2   23.5   22.4   35.5   20.2   35.5   20.1   35.7   20.6   34.4   25.2   31.7   23   33.7   24.5     31.4   24.2   32.1   23.5   34.3   21.5   34.5   21.5   34.7   21.4   35.5   24.1   31.5   21.6   34.5     34.4   24.2   32.1   23.5   34.8   21.5   34.5   21.5   34.7   21.4   35.5   24.1   31.5   21.6   34.5     34.4   24.2   32.9   22.1   32.8   22.5   33.4   31.5   21.6   34.5   22.5   34.4     30.2   22.8   33.5   23.4   32.4   21.5   34.5   22.5   34.5   22.5   34.5     30.2   22.8   33.5   23.4   32.4   21.5   34.5   21.5   34.5   22.5   34.7   22.5     35.2   30.2   22.8   33.5   23.4   32.4   21.5   34.5   22.5   33.5   23.6   32.5   33.5   21.8   34.5     30.2   22.8   33.5   23.4   32.4   21.5   34.5   21.5   34.5   21.5   34.5     30.2   22.8   33.5   23.4   32.4   21.5   34.5   20.1   33.1   23.5   34.6   21.9   34.7     30.2   22.8   33.5   23.4   32.4   21.5   36.4   21.1   33.1   23.5   34.7   22.5   31.7   21.6   32.1      Maxi   |      | 30.4   |   |   |   |  |   |   |   |   |   |  | 23.2  |   | 23   |  | 24.  |
| 22, 67   23, 2   32, 5   22, 4   35, 5   23, 3   21, 5   34, 5   21, 3   34, 7   21, 3   34, 5   24, 1   31, 5   21, 6   34, 5   24, 1   31, 5   21, 6   34, 4   22, 2   31, 3   32, 3   32, 3   32, 3   32, 3   34, 5   24, 3   31, 5   24, 5   31, 5   24, 5   34, 5   24,   |      | 29.8   |   |   |   |  |   |   |   |   |   |  |   |   | 22   |  |  |
| 31.4   24.2   32.1   24.5   34.3   21.5   34.5   21   34.5   21   34.6   32.1   33.5   24.1   33.5   24.5   33.3   22   35.1   21.5   34.6   22.1   35.5   24.1   31.5   21.6   34.4   22.9   34.9   22.9   34.9   23.5   23.8   23.8   23.5   23.8   23.5   23.8   23.5   23.8   23.5   23.8   23.5   23.8   23.5   23.8   23.5   23.5   23.8   23.5     |      | 31   | 23, 4   |   |   |  |   |   |   |   |   |  |   |   | 22   |  |  |
| 31   |      |  | 20.2  |   |   |  |   |   |   |   | 21.4  |  |   |   |  |  | 22.  |
| 30.4   24.4   33.5   23.1   33   22.5   33.9   22.5   34.8   22.9   34.9   34.5   23.5   32   22.1   34.7   23.5     30.0   24.4   34   23.5   33.6   23.5   35.5   21   33.6   21.9   34.8   24.4   32   21.8   34.7   23.5     30.2   23.8   33.5   23.4   32.4   21.5   35.6   20.1   33.8   20.7   32.1   22.5   31.7   21.6   32.1   24.8     30.2   25   32.9   21.5   33.8   21.5   35.6   20.1   33.8   20.7   32.1   22.5   31.7   21.6   32.1   24.8     Mean  |      |  |   |   |   |  |   |   |   |   | 23.1  |  |   |   |  |  | 24.  |
| 30.8   24.4   32.9   22.9   32.8   21.9   34.4   21.5   34.1   21.5   34.1   22.2   34.5   22.2   34.5   32.5   32.5   22.1   34.7   23.5   30.2   22.8   33.5   23.4   32.4   21   35.4   21.1   33.1   23   34.7   25   32   22   31.8   23.5   32.9   21.5   33.8   21.5   36.2   21.1   33.1   23   34.7   25   32   22   31.8   23.5   |      | 30.4   |   |   |   |  | 22.5  |   |   |   |   | 34. 9  |   |   | 22. 9  |  | 24.  |
| 30   |      |  |   |   |   |  |   |   | 21. 5   |   |   |  | 23.5  |   |  |  | 23.  |
| Mean   |      |  | 24.4  |   | 23.5  | 33.6   | 23.5  |   | 21  | 33.6  | 21.9  |  | 24.4  | 32  | 21.8   |  | 24.2   |
| Mean   |      |  | 23.8  |   | 23.4  |  |   |   |   |   |   |  |   |   |  |  | 23.4   |
| Day.   |      | 30.2   | 25  | 32.9  | 21.5  | 33.8   | 21.5  | 36  | 20.1  | 33.8  | 20.7  | 32.1   | 22.5  | 31.7  | 21.6   | 32. 1  | 24   |
| Day.   Maxi- mum.   Mini- mum.   mu   | Mean | 30.6   | 24.9  | 32.9  | 23.3  | 32.6   | 21.3  | 34.3  | 20  | 33.3  | 21.7  | 35. 5  | 24.2  | 31.4  | 23.2   | 31.9   | 24. 6  |
| Maxi-   Mini-   Maxi-   Mini   |      |  |   |   |   | Para   | cale.   |   |   | Maı   | nila.   | Anti   | polo.   | It  | oa.  | San I  | sidro.   |
| 36.7         23.8         35.8         21.8         30.8         22.7         32.2         22.6         34.3         20.6         36.3         19.7         33.4         21.4         31.6         23.7         33.7         22.3         36.5         21.5         34.6         21.8         35.1         22.2           1.         36.3         24.7         33.6         22.4         28.3         24.6         31.6         22.9         33.4         22.1         34.8         22.4         28.3         24.4         31.6         22.4         28.3         24.4         31.6         22.4         28.3         24.4         31.6         22.3         33.4         22.1         34.8         22.4         28.3         24.2         31.6         23.3         34.9         22.7         36.2         22.1         33.6         21.3         33.6         21.3         33.6         21.9         33.6         33.6         32.1         33.6         22.9         36.6         22.3         33.8         22.6         33.4         24.2         33.6         22.1         33.6         22.1         33.6         22.1         33.6         22.1         33.6         22.1         33.8         22.6         34.4         22.2  | Day. |  |   |   |   |  |   |   |   |   |   |  |   |   |  |  | Mini   |
| 36.7         23.8         35         21.8         30.8         25.7         32         22.6         34.3         20.6         36.3         19.7         33.4         19.4         35.5         19.           36.3         24.7         33.6         22.4         28.3         31.4         24.6         31.6         23.7         23.3         36.5         21.8         35.1         22.           36.2         24.6         34.8         22.4         28.3         24.4         31         22.9         33.4         22.1         34.7         21.1         34.3         21.4         35.1         22.           36.2         24.6         34.8         22.8         30.7         25         31.8         23.4         34.7         22.1         34.7         21.1         34.3         21.1         34.3         21.4         35.2         22.5         36.2         22.1         33.6         21.4         35.6         22.4         33.6         22.1         33.6         22.1         33.6         22.1         33.6         22.1         33.6         21.9         33.6         24.1         33.6         22.1         33.8         23.6         36.4         24.9         34.4         22.2         <   |      |  |   | 0.0   |   | • • •  | • • •   | • • •   | •0  | • • • •   | • • • •   | •  | • • • •   | •   | • • • •  | 20   | °C.  |
| 34.2       24.8       33.8       23.3       81.4       24.6       31.6       23.7       33.7       22.3       36.5       21.5       34.6       21.8       35.1       22.4       33.6       22.4       28.3       24.4       31       22.9       33.4       22.1       34.6       21.8       35.1       21.6       34.8       22.8       30.7       25.5       31.8       22.4       31.6       23.3       34.9       22.7       36.2       23.2       33.8       21.5       36.4       22.         35.7       25.9       33.5       22.2       30.2       23.5       31.8       32.4       31.6       23.3       34.9       22.7       36.2       22.1       33.5       23.6       35.3       22.       33.8       21.5       36.4       22.2       30.2       23.5       31.8       24.2       23.5       36.2       22.1       33.8       23.6       32.4       34.4       22.2       30.2       23.3       31.2       24.2       23.5       36.2       22.1       33.8       22.4       33.7       23.8       36.9       22.2       33.8       22.2       33.4       24.2       23.2       36.9       22.2       33.8       24.2  |      |  |   |   |   |  |   |   |   |   |   |  |   |   |  |  | 19.4   |
| 35.8       24.7       33.6       22.4       28.3       24.4       31       22.9       33.4       32.1       34.7       21.1       34.3       21.4       35.1       21.3       34.9       22.1       34.7       21.1       34.4       32.1       34.8       22.8       38.8       21.5       36.4       22.9       35.6       23.3       31.2       22.3       31.8       22.7       36.2       22.1       33.5       21.5       36.4       22.2       36.6       24.3       31.6       24.2       31.6       24.2       31.6       24.2       35.2       22.7       36.2       22.1       33.5       21.9       36.8       22.1         36.2       24.9       34       22.2       30.2       23.5       32.3       33.5       21.5       36.2       22.1       33.6       22.1       33.6       22.1       33.8       20.2       21.9       36.2       22.1       33.6       22.1       33.8       22.1       23.6       83.8       22.0       35.2       22.8       36.9       22.2       33.8       23.2       36.2       22.3       33.8       23.2       32.3       33.2       22.9       35.2       23.8       34.2       22.7  |      |  | 24.8  |   |   |  |   |   | 23. 7   |   |   |  |   |   |  |  |  |
| 36.2       24.6       34.8       22.8       30.7       25       31.6       23.4       35.2       23.2       133.8       21.5       36.4       24.9       33.5       22       30.6       24.3       31.6       23.3       34.9       22.7       36.2       22.1       33.8       21.5       36.8       22.8         36.7       25.9       33.2       23.3       31.2       24.2       31.6       24.2       35       22.9       35.6       23.4       34.8       20.5       34.4       22.2         35.2       24.6       34.1       22.4       30.8       24.6       31.9       23       35.2       22.8       36.9       22       33.8       21.5       38.6       21.9       36.8       21.9       36.8       24.1       33.2       22.3       31       24.4       32.9       22.9       32.8       36.2       22.4       33.1       22.7       37.2       24         34.2       4.5       33.2       22.3       31.4       23.8       32.6       23.8       34.4       24.2       23.2       33.8       22.3       34.4       22.2       33.3       22.3       34.4       22.2       33.8       24.2       34.4   |      |  |   |   | 22. 4   |  |   |   | 22. 9   | 33.4  |   |  | 21. 1   |   | 21.4   |  | 21.2   |
| 35.7       25.9       33.2       23.8       31.2       24.2       31.6       24.2       35.6       22.9       35.6       23.4       34.8       20.5       34.4       22.2       30.2       23.5       32.3       23       35.2       21.5       36.2       21.3       33.6       21.9       36.8       21.9       36.8       21.8       36.2       21.3       33.6       21.9       36.8       21.9       36.8       21.8       36.2       22.8       33.1       22.3       31.9       24.8       32.9       22.9       35.2       22.8       36.9       22.2       33.8       23.2       36.4       24.2         36.7       23.5       33.3       22.3       31.4       23.8       32.2       32.8       34.4       24.2       23.8       34.4       22.2       33.1       22.7       37.2       24.8         35.2       23.3       33.3       42.28       31.4       23.8       32.6       23.8       34.4       22.4       34.4       22.9       34.4       22.8       33.3       32.3       32.3       33.3       22.3       34.4       22.9       34.4       22.5       31.7       22.2       34.4       22.5       33.6 <t< td=""><td></td><td></td><td></td><td></td><td>22, 8</td><td>30.7</td><td>25</td><td>31.8</td><td>23.4</td><td>35, 2</td><td></td><td></td><td></td><td></td><td></td><td></td><td>22. 5</td></t<>  |      |  |   |   | 22, 8   | 30.7   | 25  | 31.8  | 23.4  | 35, 2   |   |  |   |   |  |  | 22. 5  |
| 37.2         24.9         34         22.2         30.2         23.5         32.3         23         35.         21.5         36.2         21.3         33.6         21.9         36.8         24.           35.7         23.5         33         22.3         31         24         32.9         22.9         35         23.8         36.2         22.4         33.1         22.7         37.2         24.           35.2         23.3         33.2         22.4         23.7         24.3         32.1         23.8         34.2         22.4         33.1         22.7         37.2         24.           35.2         23.3         33.4         22.8         31.4         23.8         34.4         23.4         23.7         34.2         22.9         34.2         23.8         34.4         22.8         34.2         22.5         34.4         22.8         34.1         23.4         23.8         34.4         23.8         34.4         22.8         23.3         34.1         22.9         34.2         22.9         34.2         22.9         34.2         22.9         34.2         22.9         34.2         22.9         34.2         22.9         34.4         22.8         33.3         30   |      | 36.2   |   |   | 22  |  |   |   |   |   |   |  |   |   |  |  | 22.  |
| 35. 2       24. 6       34. 1       22. 4       30. 8       24. 6       31. 9       23       35. 2       22. 8       36. 9       22       33. 8       23. 2       36. 2       23. 3       31       24       32. 9       22. 9       35. 5       23. 8       36. 2       22. 4       33. 1       22. 7       37. 2       24         34       24. 5       33. 2       22. 4       29. 7       24. 3       32. 1       23. 8       34. 3       22. 1       34. 2       23       34       23. 2       33. 8       26. 23. 8       34. 4       23. 4       36. 6       22. 5       34. 4       23. 2       34. 2       22. 9       34. 2       23. 2       34. 4       23. 2       34. 4       23. 2       30. 8       26. 31       23. 8       34. 4       23. 3       34. 5       22. 9       34. 5       22. 3       34. 5       22. 9       34. 5       22. 3       34. 5       22. 9       34. 5       22. 3       34. 5       22. 9       34. 5       22. 3       34. 5       22. 9       34. 5       22. 3       34. 5       22. 5       33. 6       23. 3       30. 6       24. 20. 8       23. 9       33. 1       22. 5       31. 7       22. 6       31. 7       22. 6   |      | 35.4   | 24.9  |   |   |  |   |   |   | 35  | 22.9  | 35.6   |   |   |  |  |  |
| 35.7 23.5 33 22.3 31 24 32.1 23.8 35.2 22.4 23.3 31 22.7 37.2 24 33.2 23.8 34.2 23 34 22.3 34 22.3 35 23.3 34.2 23.3 34.5 22.9 34.5 22.3 33.6 23.3 34.1 25.3 24.8 34.2 22.2 31.2 24.3 31.2 24.3 32.3 23.4 34.2 22.5 33.6 23.3 34.1 25.3 24.8 34.2 22.2 31.2 24.3 32.3 23.4 34.2 22.7 36.2 22.3 34.5 22.3 34.6 22.2 34.4 22.5 33.6 23.3 34.1 25.3 24.8 34.2 22.2 31.2 24.3 32.3 23.4 34.2 22.7 36.2 22.3 34.4 22.5 33.6 23.3 34.1 35.1 24.2 34.4 23.2 31.2 24.3 32.3 23.4 34.2 22.7 36.2 22 34.4 23.9 35.4 24.3 35.1 24.2 34.4 23.2 31.2 24.8 32.5 23.6 23.3 34.2 23.1 37.2 22.2 34.4 23.9 35.4 24.3 35.1 24.2 34.4 23.2 31.2 22.8 32.6 23.3 34.2 23.1 37.2 22.2 34.4 23.9 35.4 24.3 35.1 24.2 34.4 23.2 31.2 22.8 32.6 23.3 34.2 23.1 37.2 22.2 34.4 23.9 35.4 24.3 35.1 24.2 34.4 23.2 31.2 22.8 32.6 23.3 34.2 23.1 37.2 22.2 34.4 23.9 35.4 24.3 35.1 24.2 34.4 23.2 31.6 24.2 33.3 23.3 34.2 23.1 35.5 21.8 33.8 23.7 35.6 24.3 34.2 24.3 35.8 24.2 35.3 31.6 24.2 33.3 23.3 34.2 23.8 35.2 23.8 34.5 23.4 35.1 24.2 34.8 23.4 31.5 24.8 32.8 23.7 35.6 24.3 34.2 23.8 35.2 23.8 34.5 23.4 35.1 24.2 34.3 35.4 23.1 35.6 24.8 33.8 24.2 23.6 35.8 24.5 35.2 23.8 34.6 22.8 36.5 21.8 33.8 24.2 36.2 23.3 34.3 23.3 34.3 23.2 35.8 24.2 36.5 21.8 33.8 24.2 36.2 23.3 34.5 22.8 36.6 24.3 34.2 24.3 35.4 22.1 34.4 22.9 32.2 25.5 35.7 22.2 34.6 23.5 7.2 17.3 32.2 28.3 66.2 24.3 34.7 23.6 34.4 22.4 34.4 23.8 35.5 22.5 35.7 22.2 34.6 23.5 35.7 21.8 33.8 22.4 36.2 24.3 34.7 23.6 34.4 22.8 36.2 22.5 33.7 26.5 35.7 22.2 34.6 35.7 21.7 33.2 22.8 36.6 24.3 34.7 23.6 34.4 22.4 34.4 23.8 35.5 22.5 35.7 23.6 33.7 25.2 35.5 23.5 33.5 22.9 34.4 35.1 24.2 35.3 33.7 24.5 34.9 22.9 33.7 24.3 35.7 25.5 35.2 23.8 33.4 22.4 36.2 24.3 33.2 25.3 34.3 22.2 35.5 33.7 24.2 35.3 32.2 25.5 35.2 23.8 33.4 22.4 36.2 24.3 34.2 22.5 33.6 22.2 33.7 35.6 24.2 33.3 22.2 33.4 34.2 22.1 33.3 22 |      | 35. 4<br>35. 7   | 24. 9<br>25. 9  | 33. 2   |   |  |   |   |   |   |   | 000  |   | 33.0  |  | 36.4   |  |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  |      | 35. 4<br>35. 7<br>37. 2  | 24. 9<br>25. 9<br>24. 9   | 33. 2<br>34   | 22.2  | 30.2   | 23.5  | 32.3  | -23   | 35  | 21.5  |  |   | 99 0  | 92 9   |  |  |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  |      | 35. 4<br>35. 7<br>37. 2<br>35. 2   | 24. 9<br>25. 9<br>24. 9<br>24. 6  | 33. 2<br>34<br>34. 1  | 22. 2<br>22. 4  | 30.2<br>30.8   | 23.5<br>24.6  | 32.3<br>31.9  | 23<br>23  | 35<br>35. 2   | 21. 5<br>22. 8  | 36.9   | 22  |   |  |  |  |
| 33.5       24.8       32       23.2       30.8       26       31       23.9       31.4       22.2       33.3       22.3       34.5       22.2       34.5       22.2       33.6       23.3       34.1       25       32.8       23.3       30.9       24       29.8       23.9       31.4       22.5       34.7       22.2       34.4       22.5       33.6       23.3       34.6       25.2       34.7       23.5       37.3       25.1       33.6       23.3       34.6       25.2       34.7       23.5       37.3       25.1       33.6       23.8       22.2       31.2       24.3       32.3       23.4       34.2       22.7       36.2       22.2       34.4       23.5       37.3       25.1       33.8       24.4       24.2       33.1       22.8       32.5       23.6       34.2       22.1       36.2       22.2       34.4       24.2       23.3       34.2       22.1       36.2       22.2       33.8       23.7       35.6       24.8         35.1       24.2       34.4       23.2       31.6       22.8       32.6       23.4       34.2       22.1       36.5       22.1       34.3       22.1       35.6       22.4 </td <td></td> <td>35. 4<br/>35. 7<br/>37. 2<br/>35. 2<br/>35. 7</td> <td>24. 9<br/>25. 9<br/>24. 9<br/>24. 6<br/>23. 5</td> <td>33. 2<br/>34<br/>34. 1<br/>33</td> <td>22. 2<br/>22. 4<br/>22. 3</td> <td>30.2<br/>30.8<br/>31</td> <td>23.5<br/>24.6<br/>24</td> <td>32.3<br/>31.9<br/>32.9</td> <td>23<br/>23<br/>22. 9</td> <td>35<br/>35.2<br/>35</td> <td>21. 5<br/>22. 8<br/>23. 8</td> <td>36.9<br/>36.2</td> <td>22<br/>22. 4</td> <td>33.1</td> <td>22.7</td> <td>37.2</td> <td>24</td>   |      | 35. 4<br>35. 7<br>37. 2<br>35. 2<br>35. 7  | 24. 9<br>25. 9<br>24. 9<br>24. 6<br>23. 5   | 33. 2<br>34<br>34. 1<br>33  | 22. 2<br>22. 4<br>22. 3   | 30.2<br>30.8<br>31   | 23.5<br>24.6<br>24  | 32.3<br>31.9<br>32.9  | 23<br>23<br>22. 9   | 35<br>35.2<br>35  | 21. 5<br>22. 8<br>23. 8   | 36.9<br>36.2   | 22<br>22. 4   | 33.1  | 22.7   | 37.2   | 24   |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  |      | 35. 4<br>35. 7<br>37. 2<br>35. 2<br>35. 7<br>34  | 24. 9<br>25. 9<br>24. 9<br>24. 6<br>23. 5<br>24. 5  | 33. 2<br>34<br>34. 1<br>33<br>33. 2   | 22. 2<br>22. 4<br>22. 3<br>22. 4  | 30. 2<br>30. 8<br>31<br>29. 7  | 23. 5<br>24. 6<br>24<br>24. 3   | 32. 3<br>31. 9<br>32. 9<br>32. 1  | 23<br>23<br>22. 9<br>23. 8  | 35<br>35. 2<br>35<br>34. 3  | 21. 5<br>22. 8<br>23. 8<br>24. 1  | 36.9<br>36.2<br>34.2   | 22<br>22. 4<br>23   | 33.1<br>34  | 22.7<br>23   | 37. 2<br>35  | 24<br>23.  |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  |      | 35. 4<br>35. 7<br>37. 2<br>35. 2<br>35. 7<br>34<br>35. 2                                     | 24. 9<br>25. 9<br>24. 9<br>24. 6<br>23. 5<br>24. 5<br>23. 3   | 33. 2<br>34<br>34. 1<br>33<br>33. 2<br>33. 4  | 22. 2<br>22. 4<br>22. 3<br>22. 4<br>22. 8   | 30. 2<br>30. 8<br>31<br>29. 7<br>31. 4   | 23. 5<br>24. 6<br>24<br>24. 3<br>23. 8  | 32. 3<br>31. 9<br>32. 9<br>32. 1<br>32. 6   | 23<br>23<br>22. 9<br>23. 8<br>23. 8   | 35<br>35.2<br>35<br>34.3<br>34.4  | 21. 5<br>22. 8<br>23. 8<br>24. 1<br>23. 4   | 36. 9<br>36. 2<br>34. 2<br>36. 6   | 22<br>22. 4<br>23<br>22. 5  | 33.1<br>34<br>34.4  | 22.7<br>23<br>22.9   | 37. 2<br>35<br>34  | 24<br>23.<br>23.   |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  |      | 35. 4<br>35. 7<br>37. 2<br>35. 2<br>35. 7<br>34<br>35. 2<br>33. 5                            | 24. 9<br>25. 9<br>24. 9<br>24. 6<br>23. 5<br>24. 5<br>23. 3<br>24. 8  | 33. 2<br>34. 1<br>33. 2<br>33. 2<br>33. 4<br>32   | 22. 2<br>22. 4<br>22. 3<br>22. 4<br>22. 8<br>23. 2  | 30. 2<br>30. 8<br>31<br>29. 7<br>31. 4<br>30. 8  | 23. 5<br>24. 6<br>24<br>24. 3<br>23. 8<br>26  | 32. 3<br>31. 9<br>32. 9<br>32. 1<br>32. 6<br>31   | 23<br>23<br>22. 9<br>23. 8<br>23. 8<br>23. 9  | 35<br>35.2<br>35<br>34.3<br>34.4<br>32.3  | 21. 5<br>22. 8<br>23. 8<br>24. 1<br>23. 4<br>22<br>22. 5  | 36.9<br>36.2<br>34.2<br>36.6<br>33.3<br>31.7   | 22<br>22. 4<br>23<br>22. 5<br>22. 3<br>22. 2  | 33.1<br>34<br>34.4<br>34.5<br>34.4  | 22. 7<br>23<br>22. 9<br>22<br>22. 5  | 37. 2<br>35<br>34<br>34. 5<br>33. 6  | 24<br>23.<br>23.<br>22.<br>23.   |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  |      | 35. 4<br>35. 7<br>37. 2<br>35. 2<br>35. 7<br>34<br>35. 2<br>33. 5<br>31. 3                   | 24. 9<br>25. 9<br>24. 9<br>24. 6<br>23. 5<br>24. 5<br>23. 3<br>24. 8<br>25  | 33. 2<br>34. 1<br>33. 2<br>33. 2<br>33. 4<br>32<br>31. 6  | 22. 2<br>22. 4<br>22. 3<br>22. 4<br>22. 8<br>23. 2<br>23. 2<br>23. 3  | 30. 2<br>30. 8<br>31<br>29. 7<br>31. 4<br>30. 8<br>30. 9   | 23. 5<br>24. 6<br>24<br>24. 3<br>23. 8<br>26<br>24<br>24  | 32. 3<br>31. 9<br>32. 9<br>32. 1<br>32. 6<br>31<br>29. 8<br>31. 7   | 23<br>22. 9<br>23. 8<br>23. 8<br>23. 9<br>23. 9<br>23. 6  | 35<br>35.2<br>35<br>34.3<br>34.4<br>32.3<br>31.4<br>34.6  | 21. 5<br>22. 8<br>23. 8<br>24. 1<br>23. 4<br>22<br>22. 5<br>25. 2   | 36. 9<br>36. 2<br>34. 2<br>36. 6<br>33. 3<br>31. 7<br>34. 7  | 22<br>22.4<br>23<br>22.5<br>22.3<br>22.2<br>23.5  | 33.1<br>34<br>34.4<br>34.5<br>34.4<br>37.3  | 22. 7<br>23<br>22. 9<br>22<br>22. 5<br>25. 1   | 37. 2<br>35<br>34<br>34. 5<br>33. 6<br>33. 8   | 24<br>23.<br>23.<br>22.<br>23.<br>24.  |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  |      | 35. 4<br>35. 7<br>37. 2<br>35. 2<br>35. 7<br>34<br>35. 2<br>33. 5<br>31. 3<br>34. 1          | 24. 9<br>25. 9<br>24. 9<br>24. 6<br>23. 5<br>24. 5<br>23. 3<br>24. 8<br>25<br>25<br>24. 8   | 33. 2<br>34<br>34. 1<br>33<br>33. 2<br>33. 4<br>32<br>31. 6<br>32. 8<br>34. 2   | 22. 2<br>22. 4<br>22. 3<br>22. 4<br>22. 8<br>23. 2<br>23. 2<br>23. 3<br>22. 2   | 30. 2<br>30. 8<br>31<br>29. 7<br>31. 4<br>30. 8<br>30. 9<br>30. 6<br>31. 2   | 23. 5<br>24. 6<br>24<br>24. 3<br>23. 8<br>26<br>24<br>24<br>24. 3   | 32. 3<br>31. 9<br>32. 9<br>32. 1<br>32. 6<br>31<br>29. 8<br>31. 7<br>32. 3  | 23<br>23<br>22. 9<br>23. 8<br>23. 8<br>23. 9<br>23. 9<br>23. 6<br>23. 4   | 35<br>35.2<br>35<br>34.3<br>34.4<br>32.3<br>31.4<br>34.6<br>34.2  | 21. 5<br>22. 8<br>23. 8<br>24. 1<br>23. 4<br>22<br>22. 5<br>25. 2<br>22. 7  | 36.9<br>36.2<br>34.2<br>36.6<br>33.3<br>31.7<br>34.7<br>36.2   | 22<br>22. 4<br>23<br>22. 5<br>22. 3<br>22. 2<br>23. 5<br>22   | 33.1<br>34<br>34.4<br>34.5<br>34.4<br>37.3<br>34.4  | 22. 7<br>23<br>22. 9<br>22. 5<br>25. 1<br>23. 9  | 37. 2<br>35<br>34<br>34. 5<br>33. 6<br>33. 8<br>35. 4  | 24<br>23.<br>23.<br>22.<br>23.<br>24.<br>24.   |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  |      | 35. 4<br>35. 7<br>37. 2<br>35. 2<br>35. 7<br>34. 3<br>35. 2<br>33. 5<br>31. 3<br>34. 1<br>35 | 24. 9<br>25. 9<br>24. 9<br>24. 6<br>23. 5<br>24. 5<br>23. 3<br>24. 8<br>25<br>24. 8<br>24. 4  | 33. 2<br>34<br>34. 1<br>33<br>33. 2<br>33. 4<br>32<br>31. 6<br>32. 8<br>34. 2<br>34. 5  | 22. 2<br>22. 4<br>22. 3<br>22. 4<br>22. 8<br>23. 2<br>23. 2<br>23. 3<br>22. 2   | 30. 2<br>30. 8<br>31<br>29. 7<br>31. 4<br>30. 8<br>30. 9<br>30. 6<br>31. 2<br>31. 4  | 23. 5<br>24. 6<br>24<br>24. 3<br>23. 8<br>26<br>24<br>24<br>24. 3<br>23. 3  | 32. 3<br>31. 9<br>32. 9<br>32. 1<br>32. 6<br>31<br>29. 8<br>31. 7<br>32. 3<br>32. 6   | 23<br>23<br>22. 9<br>23. 8<br>23. 8<br>23. 9<br>23. 9<br>23. 6<br>23. 4<br>23. 3  | 35<br>35. 2<br>35<br>34. 3<br>34. 4<br>32. 3<br>31. 4<br>34. 6<br>34. 2<br>34. 2  | 21. 5<br>22. 8<br>23. 8<br>24. 1<br>23. 4<br>22<br>22. 5<br>25. 2<br>22. 7<br>23. 1   | 36. 9<br>36. 2<br>34. 2<br>36. 6<br>33. 3<br>31. 7<br>34. 7<br>36. 2<br>37. 2  | 22<br>22. 4<br>23<br>22. 5<br>22. 3<br>22. 2<br>23. 5<br>22<br>22. 2  | 33.1<br>34.4<br>34.5<br>34.4<br>37.3<br>34.4<br>33.8  | 22. 7<br>23<br>22. 9<br>22<br>22. 5<br>25. 1<br>23. 9<br>23. 7   | 37. 2<br>35<br>34<br>34. 5<br>33. 6<br>33. 8<br>35. 4<br>35. 6   | 24<br>23.<br>23.<br>22.<br>23.<br>24.<br>24.<br>24.  |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  |      | 35. 4<br>35. 7<br>37. 2<br>35. 2<br>35. 7<br>34. 3<br>35. 2<br>33. 5<br>31. 3<br>34. 1       | 24. 9<br>25. 9<br>24. 9<br>24. 6<br>23. 5<br>24. 5<br>23. 3<br>24. 8<br>25<br>24. 8<br>24. 4<br>24. 2   | 33. 2<br>34<br>34. 1<br>33<br>33. 2<br>33. 4<br>32. 8<br>31. 6<br>32. 8<br>34. 2<br>34. 5<br>34. 4  | 22. 2<br>22. 4<br>22. 3<br>22. 4<br>22. 8<br>23. 2<br>23. 2<br>23. 3<br>22. 2<br>23. 2  | 30. 2<br>30. 8<br>31<br>29. 7<br>31. 4<br>30. 8<br>30. 9<br>30. 6<br>31. 2<br>31. 4<br>31. 2   | 23. 5<br>24. 6<br>24<br>24. 3<br>23. 8<br>26<br>24<br>24<br>24. 3<br>23. 3<br>22. 8   | 32. 3<br>31. 9<br>32. 9<br>32. 1<br>32. 6<br>31<br>29. 8<br>31. 7<br>32. 3<br>32. 6<br>32. 5  | 23<br>23<br>22. 9<br>23. 8<br>23. 8<br>23. 9<br>23. 9<br>23. 6<br>23. 4<br>23. 3<br>23. 6   | 35<br>35.2<br>35<br>34.3<br>34.4<br>32.3<br>31.4<br>34.6<br>34.2<br>34.2  | 21. 5<br>22. 8<br>23. 8<br>24. 1<br>23. 4<br>22<br>22. 5<br>25. 2<br>22. 7<br>23. 1<br>21. 7  | 36. 9<br>36. 2<br>34. 2<br>36. 6<br>33. 3<br>31. 7<br>34. 7<br>36. 2<br>37. 2  | 22<br>22. 4<br>23<br>22. 5<br>22. 3<br>22. 2<br>23. 5<br>22<br>22. 2<br>21. 5   | 33.1<br>34<br>34.4<br>34.5<br>34.4<br>37.3<br>34.4<br>33.8<br>34.2  | 22.7<br>23<br>22.9<br>22<br>22.5<br>25.1<br>23.9<br>23.7<br>21.8   | 37. 2<br>35<br>34<br>34. 5<br>33. 6<br>33. 8<br>35. 4<br>35. 6<br>35. 8  | 24<br>23.<br>22.<br>23.<br>24.<br>24.<br>24.<br>22.  |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  |      | 35. 4<br>35. 7<br>37. 2<br>35. 2<br>35. 7<br>34. 3<br>35. 2<br>33. 5<br>31. 3<br>34. 1       | 24. 9<br>25. 9<br>24. 9<br>24. 5<br>23. 3<br>24. 8<br>25<br>25<br>24. 8<br>24. 8<br>24. 8<br>24. 2<br>24. 9   | 33. 2<br>34<br>34. 1<br>33<br>33. 2<br>33. 4<br>32. 8<br>31. 6<br>32. 8<br>34. 2<br>34. 5<br>34. 4<br>34. 5   | 22. 2<br>22. 4<br>22. 3<br>22. 4<br>22. 8<br>23. 2<br>23. 2<br>23. 3<br>22. 2<br>23. 2<br>23. 2   | 30. 2<br>30. 8<br>31<br>29. 7<br>31. 4<br>30. 8<br>30. 9<br>30. 6<br>31. 2<br>31. 4  | 23. 5<br>24. 6<br>24<br>24. 3<br>23. 8<br>26<br>24<br>24. 3<br>23. 3<br>22. 8<br>22. 8  | 32. 3<br>31. 9<br>32. 9<br>32. 1<br>32. 6<br>31<br>29. 8<br>31. 7<br>32. 3<br>32. 6<br>32. 5<br>32. 6   | 23<br>23<br>22. 9<br>23. 8<br>23. 8<br>23. 9<br>23. 6<br>23. 4<br>23. 3<br>23. 6<br>23. 4   | 35<br>35.2<br>35<br>34.3<br>34.4<br>32.3<br>31.4<br>34.6<br>34.2<br>34.2<br>34.2<br>34.2  | 21. 5<br>22. 8<br>23. 8<br>24. 1<br>23. 4<br>22<br>22. 5<br>25. 2<br>22. 7<br>23. 1<br>21. 7<br>23. 8   | 36. 9<br>36. 2<br>34. 2<br>36. 6<br>33. 3<br>31. 7<br>34. 7<br>36. 2<br>37. 2<br>36  | 22<br>22. 4<br>23<br>22. 5<br>22. 3<br>22. 2<br>23. 5<br>22<br>22. 2<br>21. 5<br>23   | 33. 1<br>34<br>34. 4<br>34. 5<br>34. 4<br>37. 3<br>34. 4<br>33. 8<br>34. 2<br>34. 5   | 22.7<br>23<br>22.9<br>22<br>22.5<br>25.1<br>23.9<br>23.7<br>21.8<br>23.4   | 37. 2<br>35<br>34<br>34. 5<br>33. 6<br>33. 8<br>35. 4<br>35. 6<br>35. 8<br>35. 1   | 24<br>23.<br>22.<br>23.<br>24.<br>24.<br>24.<br>22.<br>24.   |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  |      | 35. 4<br>35. 7<br>37. 2<br>35. 2<br>35. 7<br>34. 3<br>35. 2<br>33. 5<br>31. 3<br>34. 1       | 24. 9<br>25. 9<br>24. 6<br>23. 5<br>24. 5<br>23. 3<br>24. 8<br>25<br>24. 8<br>24. 4<br>24. 9<br>25. 4   | 33. 2<br>34<br>34. 1<br>33. 2<br>33. 4<br>32. 3<br>34. 2<br>34. 5<br>34. 4<br>34. 5<br>34. 8  | 22. 2<br>22. 4<br>22. 3<br>22. 4<br>22. 8<br>23. 2<br>23. 2<br>23. 3<br>22. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2   | 30. 2<br>30. 8<br>31<br>29. 7<br>31. 4<br>30. 8<br>30. 9<br>30. 6<br>31. 2<br>31. 4<br>31. 2<br>31. 6<br>31. 5   | 23. 5<br>24. 6<br>24<br>24. 3<br>23. 8<br>26<br>24<br>24. 3<br>23. 3<br>22. 8<br>22. 8<br>24. 8   | 32. 3<br>31. 9<br>32. 9<br>32. 1<br>32. 6<br>31<br>29. 8<br>31. 7<br>32. 6<br>32. 5<br>32. 6<br>32. 9   | 23<br>22. 9<br>23. 8<br>23. 8<br>23. 9<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 6<br>23. 7  | 35<br>35.2<br>35<br>34.3<br>34.4<br>32.3<br>31.4<br>34.6<br>34.2<br>34.2<br>34.2<br>34.2  | 21. 5<br>22. 8<br>23. 8<br>24. 1<br>23. 4<br>22<br>22. 5<br>25. 2<br>22. 7<br>23. 1<br>21. 7<br>23. 8<br>23. 1  | 36. 9<br>36. 2<br>34. 2<br>36. 6<br>33. 3<br>31. 7<br>36. 2<br>37. 2<br>36<br>35. 2<br>35. 5   | 22<br>22. 4<br>23. 5<br>22. 3<br>22. 2<br>23. 5<br>22. 2<br>22. 2<br>21. 5<br>23<br>21. 8   | 33.1<br>34<br>34.4<br>34.5<br>34.4<br>37.3<br>34.4<br>33.8<br>34.2<br>34.5<br>33.8  | 22.7<br>23<br>22.9<br>22.5<br>25.1<br>23.9<br>23.7<br>21.8<br>23.4<br>24.2   | 37. 2<br>35<br>34<br>34. 5<br>33. 6<br>33. 8<br>35. 4<br>35. 6<br>35. 8<br>35. 1<br>36. 2  | 24<br>23.<br>23.<br>22.<br>23<br>24.<br>24.<br>22.<br>24.<br>22.   |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  |      | 35. 4<br>35. 7<br>37. 2<br>35. 2<br>35. 7<br>34. 3<br>35. 2<br>33. 5<br>31. 3<br>34. 1       | 24. 9<br>25. 9<br>24. 9<br>24. 5<br>23. 5<br>24. 5<br>25<br>25<br>24. 8<br>24. 4<br>24. 2<br>24. 9<br>25. 4<br>24. 5<br>24. 5   | 33. 2<br>34<br>33. 2<br>33. 4<br>32<br>31. 6<br>32. 8<br>34. 2<br>34. 5<br>34. 5<br>34. 8   | 22. 2<br>22. 4<br>22. 3<br>22. 4<br>22. 8<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 4  | 30. 2<br>30. 8<br>31<br>29. 7<br>31. 4<br>30. 8<br>30. 9<br>30. 6<br>31. 2<br>31. 4<br>31. 2<br>31. 6<br>31. 5   | 23. 5<br>24. 6<br>24. 3<br>23. 8<br>26<br>24<br>24. 2<br>23. 3<br>22. 8<br>22. 8<br>24. 8<br>24. 2  | 32. 3<br>31. 9<br>32. 9<br>32. 1<br>32. 6<br>31. 7<br>32. 3<br>32. 6<br>32. 5<br>32. 6<br>32. 9<br>33. 3  | 23<br>23<br>23<br>23. 9<br>23. 8<br>23. 9<br>23. 4<br>23. 4<br>23. 3<br>23. 6<br>23. 4<br>23. 7<br>23. 7<br>23. 4   | 35<br>35. 2<br>35<br>34. 3<br>32. 3<br>31. 4<br>34. 6<br>34. 2<br>34. 2<br>34. 2<br>34. 2<br>34. 2<br>35. 4<br>34. 3  | 21. 5<br>22. 8<br>23. 8<br>24. 1<br>23. 4<br>22<br>22. 5<br>25. 2<br>22. 7<br>23. 1<br>21. 7<br>23. 8<br>23. 8<br>23. 2   | 36. 9<br>36. 2<br>34. 2<br>36. 6<br>33. 3<br>31. 7<br>36. 2<br>37. 2<br>35. 2<br>35. 5<br>36. 5  | 22<br>22. 4<br>23<br>22. 5<br>22. 2<br>23. 5<br>22<br>22. 2<br>21. 5<br>23<br>21. 8<br>21. 8<br>21. 8   | 33.1<br>34<br>34.4<br>34.5<br>34.4<br>37.3<br>34.4<br>33.8<br>34.2<br>34.5<br>33.8<br>34.2  | 22.7<br>23<br>22.9<br>22.5<br>25.1<br>23.9<br>23.7<br>21.8<br>23.4<br>24.2<br>23.7<br>24.2   | 37. 2<br>35<br>34. 5<br>33. 6<br>33. 8<br>35. 4<br>35. 6<br>35. 8<br>35. 1<br>36. 2<br>36. 4   | 24<br>23. 4<br>22. 23. 24. 6<br>24. 22. 24. 6<br>24. 23. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>25. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>2       |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  |      | 35. 4<br>35. 7<br>37. 2<br>35. 2<br>35. 7<br>34. 3<br>35. 2<br>33. 5<br>31. 3<br>34. 1       | 24. 9<br>25. 9<br>24. 6<br>23. 5<br>24. 5<br>24. 8<br>25<br>24. 8<br>24. 4<br>24. 2<br>24. 9<br>25. 4<br>24. 5<br>24. 5<br>24. 5<br>22. 8   | 33. 2<br>34. 1<br>33. 2<br>33. 2<br>31. 6<br>32. 8<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>35. 4  | 22. 2<br>22. 4<br>22. 3<br>22. 8<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2   | 30. 2<br>30. 8<br>31<br>29, 7<br>31. 4<br>30. 8<br>30. 9<br>30. 6<br>31. 2<br>31. 6<br>31. 5<br>31. 7  | 23. 5<br>24. 6<br>24<br>24. 3<br>23. 8<br>26<br>24<br>24. 3<br>22. 8<br>22. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 5<br>22. 5   | 32. 3<br>31. 9<br>32. 9<br>32. 1<br>32. 6<br>31<br>29. 8<br>31. 7<br>32. 6<br>32. 5<br>32. 6<br>32. 9<br>33. 3<br>33. 7   | 23<br>22. 9<br>23. 8<br>23. 8<br>23. 9<br>23. 6<br>23. 6<br>23. 4<br>23. 7<br>23. 6<br>23. 4<br>23. 7<br>23. 6<br>23. 4<br>23. 2  | 35<br>35, 2<br>35, 3<br>34, 4<br>32, 3<br>31, 4<br>34, 6<br>34, 2<br>34, 2<br>34, 2<br>35, 4<br>34, 5<br>34, 6<br>34, 6<br>34, 2<br>35, 4<br>36, 3<br>36, 4<br>36, 6<br>36, 6<br>36, 7<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, | 21. 5<br>22. 8<br>23. 8<br>24. 1<br>23. 4<br>22<br>22. 5<br>25. 2<br>22. 7<br>23. 1<br>21. 7<br>23. 8<br>23. 1<br>23. 2<br>21. 9  | 36. 9<br>36. 2<br>36. 6<br>33. 3<br>31. 7<br>34. 7<br>36. 2<br>37. 2<br>35. 5<br>35. 5<br>35. 8<br>35. 7   | 22<br>22. 4<br>23. 5<br>22. 3<br>22. 2<br>23. 5<br>22<br>22. 2<br>21. 5<br>21. 8<br>21. 8<br>21. 8  | 33.1<br>34<br>34.4<br>34.5<br>34.4<br>37.3<br>34.4<br>33.8<br>34.2<br>34.5<br>33.8<br>33.8  | 22. 7<br>28<br>22. 9<br>22. 5<br>25. 1<br>23. 9<br>23. 7<br>21. 8<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>22. 8   | 37. 2<br>35<br>34<br>34. 5<br>33. 8<br>35. 4<br>35. 6<br>35. 8<br>35. 1<br>36. 4<br>36. 4<br>36. 6   | 24<br>23. 22. 23. 24. 6<br>24. 22. 24. 6<br>24. 23. 24. 6<br>24. 23. 24. 6<br>24. 23. 24. 6<br>24. 23. 24. 6   |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  |      | 35. 4<br>35. 7<br>37. 2<br>35. 2<br>35. 7<br>34. 3<br>35. 2<br>33. 5<br>31. 3<br>34. 1       | 24, 9<br>25, 9<br>24, 6<br>23, 5<br>24, 5<br>23, 3<br>24, 8<br>25<br>24, 8<br>24, 4<br>24, 2<br>24, 9<br>25, 4<br>24, 5<br>24, 3<br>22, 8<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 8<br>24, 9<br>25, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, 9<br>26, | 33. 2<br>34. 1<br>33. 2<br>33. 4<br>32. 3<br>31. 6<br>32. 2<br>34. 5<br>34. 4<br>34. 5<br>35. 4<br>36. 4<br>36. 4<br>36. 8  | 22. 2<br>22. 4<br>22. 3<br>22. 4<br>22. 8<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 4<br>23. 2<br>23. 4<br>23. 2<br>23. 2  | 30. 2<br>30. 8<br>31<br>29. 7<br>31. 4<br>30. 8<br>30. 9<br>30. 6<br>31. 2<br>31. 6<br>31. 5<br>31. 6<br>31. 7<br>32<br>32. 2  | 23. 5<br>24. 6<br>24. 3<br>23. 8<br>26<br>24. 2<br>23. 3<br>22. 8<br>22. 8<br>24. 2<br>24. 2<br>24. 2<br>25. 5<br>22. 5   | 32. 3<br>31. 9<br>32. 9<br>32. 1<br>32. 6<br>31. 7<br>32. 3<br>32. 6<br>32. 5<br>32. 5<br>32. 5<br>32. 5<br>32. 7<br>33. 7<br>35. 7   | 23<br>22. 9<br>23. 8<br>23. 8<br>23. 8<br>23. 9<br>23. 6<br>23. 4<br>23. 3<br>23. 6<br>23. 4<br>23. 7<br>23. 7<br>23. 4<br>22. 2  | 35<br>35<br>34, 3<br>34, 4<br>32, 3<br>31, 4<br>34, 2<br>34, 2<br>34, 2<br>35, 4<br>35, 1<br>34, 6<br>33, 7   | 21. 5<br>22. 8<br>23. 8<br>24. 1<br>23. 4<br>22<br>22. 5<br>25. 2<br>22. 7<br>23. 1<br>21. 7<br>23. 2<br>21. 9<br>23. 2<br>21. 9<br>23. 2   | 36. 9<br>36. 2<br>36. 2<br>36. 2<br>33. 3<br>31. 7<br>36. 2<br>37. 2<br>35. 5<br>36. 5<br>36. 5<br>35. 7<br>35. 2  | 22<br>22. 4<br>23. 5<br>22. 3<br>22. 2<br>23. 5<br>22<br>22. 2<br>21. 5<br>21. 8<br>21. 8<br>21. 8  | 33.1<br>34.4<br>34.5<br>34.4<br>37.3<br>34.4<br>33.8<br>34.5<br>33.8<br>33.8<br>32.9<br>33.4  | 22.7<br>23<br>22.9<br>22.5<br>25.1<br>23.9<br>23.7<br>21.8<br>23.4<br>24.2<br>28.7<br>24.2<br>22.7<br>24.2   | 37.2<br>35<br>34.5<br>33.6<br>33.8<br>35.4<br>35.8<br>35.1<br>36.2<br>36.4<br>36.6   | 24<br>23. 23. 22. 23<br>24. 24. 22<br>24. 23. 24. 23. 24. 23. 24. 24. 24. 24. 24. 24. 24. 24. 24. 24   |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  |      | 35. 4<br>35. 7<br>37. 2<br>35. 2<br>35. 7<br>34. 3<br>35. 2<br>33. 5<br>31. 3<br>34. 1       | 24, 9<br>25, 9<br>24, 6<br>23, 5<br>24, 8<br>25<br>24, 8<br>24, 4<br>24, 9<br>25, 4<br>24, 3<br>22, 8<br>24, 3<br>22, 8<br>24, 3<br>22, 8<br>24, 5<br>24, 5<br>24, 9<br>25, 4<br>26, 5<br>26, 8<br>26, 8<br>27, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, | 33. 2<br>34. 1<br>33. 2<br>33. 4<br>32. 8<br>34. 5<br>34. 4<br>34. 5<br>35. 4<br>36. 4<br>36. 4<br>36. 4  | 22. 2<br>22. 4<br>22. 3<br>22. 8<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 4<br>23. 1<br>22. 9<br>22. 9<br>22. 8   | 30. 2<br>30. 8<br>31<br>29. 7<br>31. 4<br>30. 8<br>30. 9<br>31. 2<br>31. 4<br>31. 5<br>31. 6<br>31. 7<br>32. 2<br>32. 2<br>34. 4   | 23. 5<br>24. 6<br>24. 3<br>23. 8<br>26<br>24<br>24. 2<br>23. 3<br>22. 8<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>25. 5<br>24. 2<br>25. 5<br>22. 5<br>22. 5<br>23. 8   | 32. 3<br>31. 9<br>32. 9<br>32. 1<br>32. 6<br>31<br>29. 8<br>31. 7<br>32. 3<br>32. 6<br>32. 5<br>32. 9<br>33. 3<br>33. 7<br>35. 7  | 23<br>22. 9<br>23. 8<br>23. 8<br>23. 8<br>23. 9<br>23. 6<br>23. 4<br>23. 3<br>23. 6<br>23. 4<br>23. 7<br>23. 7<br>22. 4<br>22. 2<br>25. 6<br>25. 1  | 35<br>35, 2<br>34, 3<br>34, 4<br>32, 3<br>31, 4<br>34, 2<br>34, 2<br>34, 2<br>34, 2<br>35, 4<br>34, 3<br>35, 1<br>34, 6<br>34, 3<br>35, 1<br>34, 6<br>34, 3<br>35, 1<br>34, 3<br>35, 4<br>36, 3<br>36, 4<br>37, 2<br>38, 3<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, 4<br>38, | 21. 5<br>22. 8<br>23. 8<br>24. 1<br>23. 4<br>22<br>22. 5<br>25. 2<br>22. 7<br>23. 1<br>21. 7<br>23. 8<br>23. 2<br>21. 9<br>23. 2<br>21. 9<br>25. 2  | 36. 9<br>36. 2<br>36. 6<br>33. 3<br>31. 7<br>34. 2<br>36. 2<br>35. 5<br>35. 8<br>35. 7<br>35. 7  | 22, 4<br>23, 5<br>22, 5<br>22, 3<br>22, 2<br>23, 5<br>22, 2<br>21, 5<br>21, 8<br>21, 8<br>21, 4<br>21, 4<br>21, 7<br>23, 8<br>23, 5   | 33. 1<br>34. 4<br>34. 4<br>34. 5<br>34. 4<br>37. 3<br>34. 4<br>33. 8<br>34. 2<br>34. 5<br>33. 8<br>32. 9<br>33. 8<br>32. 9  | 22. 7<br>23<br>22. 9<br>22<br>25. 5<br>25. 1<br>23. 9<br>23. 7<br>21. 8<br>24. 2<br>24. 2<br>25. 7<br>24. 2<br>22. 8<br>7<br>24. 2   | 37. 2<br>35<br>34. 5<br>33. 6<br>33. 8<br>35. 4<br>35. 6<br>35. 8<br>36. 2<br>36. 4<br>36. 6<br>36. 4  | 24<br>23. 23. 22. 23. 24. 24. 22. 24. 22. 24. 24. 24. 24. 24   |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  |      | 35. 4<br>35. 7<br>37. 2<br>35. 2<br>35. 7<br>34. 3<br>35. 2<br>35. 3<br>34. 1                | 24, 9<br>25, 9<br>24, 6<br>23, 5<br>24, 5<br>25<br>25<br>24, 8<br>24, 4<br>24, 2<br>24, 9<br>25, 4<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 5  | 33. 2<br>34. 1<br>33. 2<br>33. 2<br>31. 6<br>32. 6<br>34. 5<br>34. 5<br>34. 5<br>34. 8<br>35. 4<br>36. 4<br>34. 8<br>34. 8  | 22. 2<br>22. 4<br>22. 3<br>22. 4<br>22. 8<br>23. 2<br>23. 2<br>23. 3<br>22. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 1<br>22. 9<br>22. 8<br>23. 1   | 30. 2<br>30. 8<br>31<br>29. 7<br>31. 4<br>30. 9<br>30. 6<br>31. 2<br>31. 6<br>31. 5<br>31. 6<br>31. 7<br>32<br>32. 2<br>32. 2<br>34. 4<br>33. 7  | 23. 5<br>24. 6<br>24. 3<br>23. 8<br>26. 24<br>24. 3<br>22. 8<br>22. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 5<br>22. 5<br>22. 5<br>22. 5<br>23. 5<br>24. 5  | 32. 3<br>31. 9<br>32. 1<br>32. 6<br>31. 7<br>32. 3<br>32. 6<br>32. 5<br>32. 6<br>32. 9<br>33. 3<br>33. 7<br>35. 7<br>35. 7<br>35. 5<br>34. 9  | 23<br>22, 9<br>23, 8<br>23, 8<br>23, 9<br>23, 6<br>23, 4<br>23, 7<br>23, 6<br>23, 4<br>22, 2<br>23, 6<br>22, 4<br>22, 2<br>23, 6<br>25, 6<br>25, 6<br>25, 6<br>25, 6<br>25, 6<br>25, 6<br>25, 6<br>25, 6<br>25, 6<br>25, 7<br>25, 6<br>25, 6<br>26, 7<br>27, 7<br>28, 6<br>28, 6<br>28, 6<br>28, 7<br>28, 7<br>28, 7<br>28, 6<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, 7<br>28, | 35<br>35<br>34, 3<br>34, 4<br>32, 3<br>31, 4<br>34, 2<br>34, 2<br>34, 2<br>34, 2<br>35, 4<br>34, 6<br>33, 7<br>34, 6<br>33, 7<br>33, 2<br>33, 7   | 21. 5<br>22. 8<br>23. 8<br>24. 1<br>23. 4<br>22<br>25. 2<br>25. 2<br>22. 7<br>23. 1<br>23. 8<br>23. 1<br>23. 2<br>21. 9<br>23<br>25. 2<br>24  | 36. 9<br>36. 2<br>36. 6<br>33. 3<br>31. 7<br>36. 2<br>36. 2<br>35. 5<br>35. 8<br>35. 7<br>35. 5  | 22, 4<br>23, 5<br>22, 5<br>22, 3<br>22, 2<br>23, 5<br>22, 2<br>21, 5<br>23, 21, 8<br>21, 8<br>21, 4<br>21, 7<br>23, 8<br>21, 7<br>23, 5<br>22, 5  | 33. 1<br>34<br>34. 4<br>34. 5<br>34. 4<br>37. 3<br>34. 4<br>33. 8<br>34. 2<br>34. 5<br>33. 8<br>32. 9<br>33. 4<br>33. 4<br>33. 4<br>33. 5   | 22, 7<br>28<br>22, 9<br>22<br>22, 5<br>25, 1<br>23, 9<br>21, 8<br>23, 4<br>24, 2<br>22, 8<br>22, 4<br>22, 4<br>23, 9<br>21, 6  | 37. 2<br>35<br>34. 5<br>33. 6<br>33. 8<br>35. 4<br>35. 8<br>35. 1<br>36. 4<br>36. 4<br>36. 6<br>36. 4<br>35. 9   | 24<br>23. 23. 24. 23. 24. 24. 24. 24. 24. 24. 24. 24. 24. 24   |
| 36.6 23.2 33.2 23.2 23.2 24.4 34.4 24.2 33.4 23.8 34.6 23.8 34.2 22.7 32 23.5 35. 22.9 34.1 23.9 34.2 22.1 32.5 23.8 34.4 23.  |      | 35. 4<br>35. 7<br>37. 2<br>35. 2<br>35. 7<br>34. 3<br>35. 2<br>35. 3<br>34. 1                | 24. 9<br>24. 9<br>24. 6<br>23. 5<br>24. 6<br>23. 3<br>24. 8<br>25<br>24. 8<br>24. 2<br>24. 9<br>25. 4<br>24. 3<br>22. 8<br>24. 4<br>24. 3<br>24. 3<br>24. 4<br>24. 5<br>24. 5<br>24. 5<br>24. 6<br>24. 6<br>25. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. | 33. 2<br>34. 1<br>33. 2<br>33. 2<br>31. 6<br>32. 8<br>34. 2<br>34. 5<br>34. 5<br>35. 4<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8  | 22. 2 4<br>22. 4<br>22. 8<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 1<br>22. 8<br>23. 1<br>22. 8<br>23. 1<br>22. 8<br>23. 2  | 30. 2<br>30. 8<br>31<br>29. 7<br>31. 4<br>30. 8<br>30. 9<br>30. 6<br>31. 2<br>31. 6<br>31. 5<br>31. 6<br>31. 7<br>32<br>32. 2<br>34. 4<br>33. 7<br>34. 6   | 23. 5<br>24. 6<br>24. 3<br>23. 8<br>26. 24<br>24. 3<br>22. 8<br>22. 8<br>24. 2<br>23. 5<br>24. 2<br>25. 5<br>22. 5<br>22. 5<br>23. 5<br>24. 5<br>24. 5<br>25. 8   | 32, 3<br>31, 9<br>32, 6<br>31, 7<br>32, 6<br>31, 7<br>32, 6<br>32, 5<br>32, 5<br>32, 5<br>32, 5<br>32, 7<br>35, 7<br>35, 7<br>35, 7<br>35, 7<br>35, 7   | 23<br>22. 9<br>23. 8<br>23. 8<br>23. 9<br>23. 6<br>23. 4<br>23. 3<br>23. 6<br>23. 4<br>23. 7<br>23. 6<br>22. 4<br>22. 2<br>22. 6<br>25. 1<br>22. 9  | 35<br>35<br>34, 3<br>34, 4<br>32, 3<br>31, 4<br>34, 6<br>34, 2<br>34, 2<br>34, 2<br>34, 2<br>35, 1<br>34, 3<br>35, 1<br>34, 3<br>35, 1<br>34, 3<br>35, 1<br>32, 3<br>32, 3<br>33, 7<br>33, 7<br>33, 7<br>32, 8  | 21. 5<br>22. 8<br>23. 8<br>24. 1<br>23. 4<br>22<br>25. 5<br>26. 2<br>22. 7<br>23. 1<br>21. 7<br>23. 8<br>23. 2<br>21. 9<br>23. 2<br>25. 2<br>25. 2<br>24. 3   | 36.9<br>36.2<br>36.6<br>33.3<br>31.7<br>36.2<br>37.2<br>36.5<br>35.5<br>35.5<br>35.5<br>35.5<br>35.5<br>35.2   | 22, 4<br>28, 5<br>22, 5<br>22, 3<br>22, 2<br>23, 5<br>22, 2<br>21, 5<br>23, 21, 8<br>21, 8<br>21, 4<br>21, 7<br>23, 8<br>21, 4<br>21, 7<br>23, 8<br>21, 5<br>22, 5<br>22, 2   | 33. 1<br>34. 4<br>34. 5<br>34. 4<br>37. 3<br>34. 4<br>33. 8<br>34. 2<br>34. 5<br>33. 8<br>32. 9<br>33. 4<br>33. 5<br>32. 8<br>32. 8   | 22. 7 23 22. 9 22 22. 5 25. 1 23. 9 23. 4 24. 2 22. 8 22. 4 23. 9 21. 6  | 37. 2<br>35<br>34. 5<br>33. 6<br>33. 8<br>35. 6<br>35. 8<br>35. 8<br>36. 2<br>36. 4<br>36. 4<br>36. 6<br>36. 4<br>36. 4<br>36. 5<br>36. 4  | 24. 23. 5<br>24. 6<br>24. 6<br>24. 6<br>24. 5<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24 |
| 36.6 23.2 33.2 23.2 33.2 22.4 34.4 34.2 24.2 33.4 23.8 34.6 22.6 32.7 24 34.4 24.2 33.4 24.2 34.6 23.8 34.2 22.7 32 23.5 35 22.9 34.1 23.9 34.2 22.1 32.5 23.8 34.4 23.8   |      | 35. 4<br>35. 7<br>37. 2<br>35. 2<br>35. 7<br>34. 3<br>35. 2<br>35. 3<br>34. 1                | 24. 9<br>24. 9<br>24. 6<br>23. 5<br>24. 5<br>24. 5<br>25<br>25<br>24. 8<br>24. 4<br>24. 2<br>24. 9<br>25. 4<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>25. 4<br>24. 5<br>25. 4<br>26. 5<br>26. 6<br>27. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6  | 33. 2<br>34. 1<br>33. 2<br>33. 2<br>31. 6<br>32. 8<br>34. 2<br>34. 5<br>34. 5<br>34. 8<br>35. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 5<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 5<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 5<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5<br>36. 5 | 22. 2 4<br>22. 4<br>22. 8<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 4<br>23. 1<br>22. 9<br>22. 8<br>23. 1<br>22. 2  | 30. 2<br>30. 8<br>31<br>29. 7<br>31. 4<br>30. 9<br>30. 6<br>31. 2<br>31. 5<br>31. 5<br>31. 7<br>32. 2<br>34. 4<br>33. 7<br>34. 6<br>33. 7  | 23. 5<br>24. 6<br>24. 3<br>23. 8<br>26. 24<br>24. 3<br>23. 3<br>22. 8<br>22. 8<br>24. 2<br>23. 5<br>22. 5<br>22. 5<br>22. 5<br>24. 5<br>25. 6   | 32, 3<br>31, 9<br>32, 1<br>32, 6<br>31, 7<br>32, 8<br>31, 7<br>32, 6<br>32, 5<br>32, 6<br>32, 5<br>32, 6<br>32, 5<br>32, 6<br>32, 5<br>32, 6<br>32, 5<br>32, 6<br>32, 5<br>32, 6<br>32, 7<br>35, 7<br>35, 7<br>35, 7<br>35, 7<br>35, 7<br>35, 7<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8<br>36, 8 | 23<br>22. 9<br>23. 8<br>23. 9<br>23. 9<br>23. 4<br>23. 4<br>23. 4<br>23. 4<br>22. 2<br>25. 1<br>22. 9<br>22. 9<br>22. 9<br>22. 3  | 35<br>35<br>34, 3<br>34, 4<br>32, 3<br>31, 4<br>34, 2<br>34, 2<br>34, 2<br>34, 2<br>35, 4<br>36, 1<br>36, 1<br>33, 7<br>33, 7<br>32, 3  | 21. 5<br>22. 8<br>23. 8<br>24. 1<br>23. 4<br>22. 5<br>25. 2<br>22. 7<br>23. 1<br>21. 7<br>23. 8<br>23. 1<br>21. 9<br>23<br>25<br>24<br>24. 4<br>24. 3<br>25. 4  | 36. 9<br>36. 2<br>36. 6<br>33. 3<br>31. 7<br>36. 2<br>35. 5<br>35. 5<br>35. 8<br>35. 5<br>35. 5<br>35. 5<br>35. 2  | 22, 4<br>23, 5<br>22, 5<br>22, 3<br>22, 2<br>23, 5<br>22, 2<br>21, 5<br>21, 8<br>21, 4<br>21, 7<br>23, 5<br>22, 5<br>22, 5<br>22, 5<br>23, 5<br>21, 4<br>21, 7<br>22, 5<br>22, 5<br>23, 5<br>21, 2<br>21, 2<br>21, 2<br>21, 5<br>21, 7<br>21, 7<br>22, 5<br>23, 5<br>21, 7<br>21, 7<br>21, 7<br>21, 7<br>22, 5<br>23, 5<br>24, 7<br>25, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7<br>26, 7 | 33.1<br>34.4<br>34.5<br>34.4<br>37.3<br>34.4<br>33.8<br>34.2<br>34.5<br>33.8<br>33.8<br>32.9<br>33.4<br>33.5<br>32.5  | 22, 7<br>23<br>22, 9<br>22, 5<br>25, 1<br>23, 9<br>23, 7<br>21, 8<br>23, 4<br>24, 2<br>22, 8, 7<br>24, 2<br>22, 8<br>22, 4<br>23, 9<br>21, 6<br>23, 9<br>21, 6<br>24, 1  | 37. 2<br>35<br>34. 5<br>33. 6<br>33. 8<br>35. 6<br>35. 8<br>35. 8<br>35. 1<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 5<br>36. 4<br>36. 5<br>36. 4<br>36. 5<br>36. 4<br>36. 5<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36.                            | 24. 6<br>23. 5<br>24. 6<br>24. 1<br>24. 6<br>24. 5<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6  |
| 34.6 23.8 34 22.7 32 23.5 35 22.9 34.1 23.9 34.2 22.1 32.5 23.8 34.4 23  |      | 35. 4<br>35. 7<br>37. 2<br>35. 2<br>35. 7<br>34. 3<br>35. 2<br>35. 3<br>34. 1                | 24. 9<br>24. 9<br>24. 6<br>23. 5<br>24. 6<br>23. 5<br>24. 8<br>25<br>25<br>24. 8<br>24. 2<br>24. 9<br>25. 4<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 6<br>25. 2<br>25. 2<br>26. 5<br>26. 5<br>27. 5<br>28. 5<br>28. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5  | 33. 2<br>34. 1<br>33. 2<br>33. 4<br>32. 8<br>34. 5<br>34. 4<br>34. 5<br>35. 4<br>34. 5<br>35. 4<br>34. 5<br>35. 4<br>36. 4<br>36. 4<br>37. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38. 8<br>38  | 22. 2 4 22. 4 22. 8 23. 2 23. 2 23. 2 23. 4 23. 1 22. 8 22. 8 23. 1 22. 8 23. 1 22. 8 23. 1 22. 8 23. 1 23. 2 23. | 30. 2<br>30. 8<br>31<br>29. 7<br>31. 4<br>30. 9<br>30. 6<br>31. 2<br>31. 4<br>31. 6<br>31. 5<br>31. 6<br>32. 3<br>32. 2<br>34. 4<br>33. 7<br>34. 6<br>33. 7  | 23. 5<br>24. 6<br>24. 3<br>23. 8<br>26<br>24. 2<br>23. 3<br>22. 8<br>24. 2<br>24. 2<br>23. 5<br>22. 5<br>22. 5<br>23. 5<br>24. 5<br>24. 5<br>24. 2<br>24. 2<br>25. 6<br>24. 2<br>24. 2<br>25. 5<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. | 32. 3<br>31. 9<br>32. 1<br>32. 6<br>31<br>29. 8<br>31. 7<br>32. 6<br>32. 5<br>32. 6<br>32. 9<br>33. 3<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>36. 9<br>37. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9   | 23<br>22. 9<br>23. 8<br>23. 8<br>23. 9<br>23. 9<br>23. 6<br>23. 4<br>23. 7<br>23. 7<br>22. 2<br>25. 1<br>22. 9<br>22. 9<br>22. 7  | 35, 2<br>35, 34, 3<br>34, 4<br>32, 3<br>31, 4<br>34, 6<br>34, 2<br>34, 2<br>35, 4<br>34, 3<br>35, 4<br>34, 6<br>33, 7<br>33, 7<br>33, 7<br>32, 8<br>32, 8<br>32, 3<br>33, 3   | 21. 5<br>22. 8<br>23. 8<br>24. 1<br>23. 4<br>22<br>22. 5<br>25. 2<br>23. 1<br>21. 7<br>23. 8<br>23. 1<br>23. 2<br>21. 9<br>23. 2<br>25. 2<br>24. 3<br>25. 2<br>24. 3<br>24. 3<br>24. 7  | 36. 9<br>36. 2<br>36. 6<br>33. 3<br>31. 7<br>36. 2<br>35. 5<br>36. 5<br>35. 5<br>35. 5<br>35. 5<br>35. 5<br>35. 5<br>36. 8<br>37. 2<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3                 | 22, 4<br>23, 5<br>22, 5<br>22, 3<br>22, 2<br>23, 5<br>22, 2<br>21, 5<br>21, 8<br>21, 8<br>21, 4<br>21, 7<br>23, 8<br>21, 8<br>21, 7<br>23, 8<br>22, 5<br>22, 5<br>22, 5<br>22, 5<br>21, 7<br>23, 8<br>21, 7<br>23, 8<br>21, 8<br>21, 7<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>23, 8<br>24, 8<br>24, 8<br>25, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8 | 33. 1<br>34. 4<br>34. 5<br>34. 4<br>37. 3<br>34. 4<br>33. 8<br>34. 2<br>34. 5<br>33. 8<br>33. 8<br>33. 8<br>33. 8<br>32. 5<br>32. 5<br>32. 4<br>32. 4<br>32. 4<br>32. 5   | 22, 7<br>22, 9<br>22, 9<br>22, 5<br>25, 1<br>23, 9<br>23, 7<br>21, 8<br>24, 2<br>22, 8<br>22, 4<br>22, 4<br>21, 6<br>23, 4<br>21, 6<br>24, 1<br>22, 5  | 37. 2<br>35. 34. 5<br>34. 5<br>33. 6<br>35. 6<br>35. 6<br>35. 1<br>36. 2<br>36. 4<br>36. 4<br>36. 6<br>35. 9<br>35. 9<br>35. 1<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 5<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36                               | 24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6  |
|  |      | 35. 4<br>35. 7<br>37. 2<br>35. 2<br>35. 7<br>34. 3<br>35. 2<br>35. 3<br>34. 1                | 24. 9<br>24. 9<br>24. 6<br>23. 5<br>24. 5<br>24. 5<br>25. 2<br>24. 8<br>24. 4<br>24. 2<br>24. 9<br>25. 4<br>24. 3<br>22. 8<br>24. 4<br>24. 5<br>24. 5<br>25. 4<br>24. 5<br>24. 5<br>25. 4<br>24. 5<br>26. 6<br>27. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6     | 33. 2<br>34. 1<br>33. 2<br>33. 4<br>32. 8<br>34. 5<br>34. 4<br>35. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 4<br>36. 5<br>36. 4<br>36. 5<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6<br>36. 6 | 22. 2<br>22. 3<br>22. 4<br>22. 3<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 1<br>22. 9<br>23. 1<br>22. 9<br>23. 1<br>23. 2<br>23. 2   | 30. 2<br>30. 8<br>31<br>29. 7<br>31. 8<br>30. 9<br>30. 6<br>31. 2<br>31. 6<br>31. 5<br>31. 6<br>31. 7<br>32. 2<br>34. 4<br>33. 7<br>34. 6<br>33. 7   | 28. 5<br>24. 6<br>24. 3<br>26. 24<br>24. 24. 3<br>28. 3<br>22. 8<br>24. 2<br>23. 5<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>25. 6<br>26. 26. 26. 26. 26. 26. 26. 26. 26. 26.  | 32. 3<br>31. 9<br>32. 1<br>32. 6<br>31. 29. 8<br>31. 7<br>32. 3<br>32. 6<br>32. 6<br>32. 6<br>32. 9<br>35. 7<br>35. 7<br>35. 5<br>34. 8<br>34. 8<br>34. 9   | 23<br>22. 9<br>23. 8<br>23. 8<br>23. 9<br>23. 9<br>23. 4<br>23. 3<br>23. 4<br>23. 7<br>22. 2<br>22. 2<br>22. 2<br>23. 6<br>25. 1<br>22. 9<br>22. 9<br>23. 3<br>24. 5  | 35 2 35 34 3 34 3 32 3 31 4 4 34 2 34 2 34 2 34   | 21. 5<br>22. 8<br>23. 8<br>24. 1<br>23. 4<br>22<br>22. 5<br>25. 2<br>22. 7<br>23. 1<br>21. 7<br>23. 2<br>25. 2<br>21. 9<br>23. 2<br>25. 2<br>24. 3<br>25. 4<br>24. 3<br>25. 4<br>24. 3<br>25. 4<br>26. 4<br>27. 4<br>28. 4<br>28. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 5<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 4<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. | 36. 9<br>36. 2<br>36. 6<br>33. 3<br>31. 7<br>36. 2<br>37. 2<br>36. 5<br>35. 5<br>35. 5<br>35. 8<br>35. 8<br>35. 2<br>35. 2<br>35. 3<br>35. 3<br>35. 3<br>35. 3<br>35. 3<br>35. 3<br>35. 3<br>35. 3<br>35. 3<br>35. 3<br>35. 3<br>36. 3<br>36. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. 3<br>37. | 22, 4<br>23, 5<br>22, 5<br>22, 3<br>22, 2<br>23, 5<br>22, 2<br>21, 5<br>23, 8<br>21, 8<br>21, 4<br>21, 4<br>21, 7<br>23, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>23, 5<br>24, 8<br>24, 8<br>25, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8<br>26, 8 | 33. 1<br>34. 4<br>34. 5<br>34. 4<br>37. 3<br>34. 4<br>33. 8<br>34. 5<br>33. 8<br>32. 9<br>33. 4<br>33. 5<br>32. 5<br>32. 5<br>32. 8   | 22. 7<br>23. 9<br>22. 9<br>22. 5<br>25. 1<br>23. 9<br>23. 7<br>21. 8<br>23. 4<br>24. 2<br>22. 8<br>22. 8<br>22. 4<br>21. 6<br>23. 9<br>21. 6<br>23. 9<br>21. 6<br>23. 9<br>24. 2<br>25. 8<br>26. 1<br>26. 1<br>26. 1<br>27. 9<br>28. 9<br>29. 20. 8<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20 | 37. 2<br>35. 34. 5<br>33. 8<br>33. 8<br>35. 4<br>35. 8<br>35. 8<br>35. 1<br>36. 2<br>36. 4<br>36. 4<br>36. 4<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9 | 24. 6<br>23. 5<br>24. 6<br>24. 6<br>24. 6<br>24. 5<br>24. 6<br>24. 5<br>24. 6<br>24. 6<br>24. 5<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6  |
| Mean 35   24.4   33.9   22.8   31.6   24.1   33.1   23.4   34   23.3   35.2   22.4   33.7   22.8   35.3   23.  |      | 35. 4<br>35. 7<br>37. 2<br>35. 2<br>35. 7<br>34. 3<br>35. 2<br>35. 3<br>34. 1                | 24. 9<br>24. 9<br>24. 6<br>24. 6<br>23. 5<br>24. 5<br>24. 8<br>25<br>24. 8<br>24. 4<br>24. 2<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 5<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 5<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3<br>25. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. | 33. 2<br>34. 1<br>33. 2<br>32. 8<br>31. 6<br>32. 8<br>34. 2<br>34. 5<br>35. 4<br>34. 8<br>34. 5<br>34. 8<br>34. 5<br>34. 8<br>34. 5<br>34. 8<br>34. 5<br>34. 8<br>34. 8<br>34. 8<br>34. 8<br>34. 8<br>34. 8<br>34. 8<br>34. 8<br>34. 8<br>35. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8 | 22. 2<br>22. 4<br>22. 3<br>22. 4<br>22. 8<br>23. 2<br>23. 2<br>23. 2<br>23. 2<br>23. 4<br>22. 9<br>22. 8<br>23. 1<br>22. 9<br>22. 8<br>23. 1<br>22. 9<br>22. 8<br>23. 2<br>23. 2  | 30. 2<br>30. 8<br>31<br>29. 7<br>31. 4<br>30. 9<br>30. 6<br>31. 2<br>31. 6<br>31. 5<br>31. 6<br>31. 7<br>32<br>32. 2<br>32. 2<br>33. 3<br>34. 4<br>33. 7<br>34. 6<br>33. 3<br>35. 6<br>36. 6<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7 | 28. 5<br>24. 6<br>24. 3<br>26. 26<br>24. 24. 3<br>28. 3<br>22. 8<br>24. 8<br>24. 8<br>24. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>24. 5<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 5<br>2<br>24. 5<br>2<br>24. 5<br>2<br>24. 5<br>2<br>24. 5<br>2<br>24. 5<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2   | 32. 3<br>31. 9<br>32. 6<br>31. 29. 8<br>31. 32. 6<br>32. 5<br>32. 6<br>32. 5<br>32. 6<br>32. 5<br>32. 5<br>32. 5<br>32. 6<br>32. 9<br>33. 3<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36.    | 23<br>23<br>22. 9<br>23. 8<br>23. 9<br>23. 9<br>23. 6<br>23. 4<br>23. 4<br>23. 4<br>23. 4<br>23. 6<br>23. 6<br>25. 6<br>25. 6<br>25. 7<br>22. 9<br>22. 9<br>22. 7<br>24. 2  | 35. 2<br>35. 3<br>34. 3<br>31. 4<br>34. 2<br>34. 2<br>34. 2<br>35. 4<br>34. 1<br>34. 6<br>33. 7<br>32. 3<br>33. 2<br>33. 3<br>33. 3<br>33. 3  | 21. 5<br>22. 8<br>23. 8<br>24. 1<br>23. 4<br>22<br>22. 5<br>25. 2<br>22. 7<br>23. 1<br>21. 7<br>23. 2<br>25. 2<br>21. 9<br>23<br>25. 2<br>24<br>24. 7<br>25. 4<br>24. 7<br>25. 8  | 36. 9<br>36. 2<br>36. 6<br>33. 3<br>31. 7<br>36. 2<br>37. 2<br>36. 5<br>35. 5<br>35. 5<br>35. 5<br>35. 5<br>35. 5<br>35. 3<br>35. 3<br>35. 3<br>36. 6<br>36. 6<br>37. 2<br>37. 2<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3                          | 22. 4<br>23. 5<br>22. 5<br>22. 2<br>23. 5<br>22. 2<br>23. 5<br>22. 2<br>21. 8<br>21. 8<br>21. 8<br>21. 7<br>23. 8<br>21. 7<br>23. 8<br>22. 5<br>22. 5<br>23. 5<br>22. 5<br>24. 6  | 33. 1<br>34. 4<br>34. 5<br>34. 4<br>33. 8<br>34. 4<br>33. 8<br>34. 5<br>34. 5<br>33. 8<br>32. 9<br>33. 8<br>32. 9<br>33. 5<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8 | 22. 7<br>23. 9<br>22. 9<br>22. 5<br>25. 1<br>23. 9<br>23. 7<br>21. 8<br>23. 4<br>24. 2<br>22. 8<br>22. 8<br>22. 4<br>21. 6<br>23. 9<br>21. 6<br>23. 9<br>21. 6<br>23. 9<br>24. 2<br>25. 8<br>26. 1<br>26. 1<br>26. 1<br>27. 9<br>28. 9<br>29. 20. 8<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20. 1<br>20 | 37. 2<br>34. 5<br>34. 5<br>33. 6<br>35. 4<br>35. 6<br>35. 1<br>36. 2<br>36. 4<br>36. 4<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>35. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>36. 9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9     | 24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6  |

<sup>&</sup>lt;sup>a</sup> The maximum temperatures of this station are not very reliable: they seem to be too low.

Maximum and minimum temperatures at the stations of the Weather Bureau, May, 1918—Continued.

| mum.   mum. | Maxi- mum.  **C.   |   |   | mum.  °C. 35. 5 35. 2 34. 7 35. 6 38. 2 35. 36 36. 4 38. 2 35 36. 4 33. 5 34. 1 33. 5 34. 1 36. 1 36. 1 36. 4 34. 33. 5 35. 35. 8 35. 5 35. 8 35. 5 35. 8 35. 6 36. 4 36. 6 37. 7 38. 6   |  | Maximum.  oC. 5 36.4 36.6 37 35 36.5 37.5 36.3 36.5 37.5 37.6 37.5 37.6 37.5 37.6 38.3 38.5 38.8 38.5 38.8 38.5 38.8 38.5 38.8 38.5 38.8 38.5 38.8 38.5 38.8 38.5 38.8 38.5 38.8 38.5 38.8 38.5 38.8 38.5 38.8 38.5 38.8 38.5 38.8 38.5 38.8 38.5 38.8 38.8  | Minimum.  °C. 17 221. 5 21. 3 20. 5 20. 5 222 22. 1 22. 2 23. 2 22. 2 22. 2 22. 2 23. 2 24. 4 23. 6 23. 2 24. 4 23. 6 23. 2 23. 3 23. 3   |
|---|--|---|---|---|--|--|---|
| 1   | 36.2   25.2   25.2   36.4   25.9   35.5   25.1   36.3   36.5   24.9   36.1   25.8   35.5   24.9   36.6   25.5   35.2   25.3   36.6   25.5   36.5   24.5   36.6   26.9   33.6   26.9   33.6   26.9   33.4   26.9   33.4   26.9   33.4   26.9   33.4   25.3   35.5   26.9   33.4   25.3   34.1   25.3   34.1   25.3   34.1   25.3   34.1   25.3   34.1   25.3   34.1   25.3   34.1   25.3   34.1   25.3   34.1   25.3   34.1   25.3   34.1   25.3   34.1   25.3   34.1   25.3   34.1   25.3   34.3   25.5   35.5   25.5   25.5   25.5   25.5   25.5   25.5   25.5   25.5   25.5   25 | 25. 7<br>25. 2<br>24. 6<br>24. 2<br>25. 1<br>25. 2<br>24. 7<br>25. 1<br>25. 2<br>24. 7<br>25. 1<br>24. 6<br>25. 2<br>24. 1<br>24. 6<br>25. 4<br>25. 4<br>25. 3<br>25. 4<br>25. 3<br>25. 4<br>25. 3<br>25. 4<br>25. 5<br>26. 3<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6 | 15. 1<br>15. 4<br>14. 8<br>14. 9<br>15. 1<br>14. 9<br>15. 3<br>15. 1<br>16. 1<br>15. 2<br>16. 7<br>16. 7<br>16. 7<br>16. 2<br>16. 2<br>16. 2<br>16. 2<br>15. 4<br>15. 1<br>16. 1<br>15. 2<br>16. 1<br>16. 2<br>16. 2<br>16. 2<br>16. 2<br>16. 2<br>16. 2<br>16. 2<br>16. 3<br>16. 1<br>16. 2<br>16. 2<br>16. 2<br>16. 2<br>16. 2<br>16. 2<br>16. 3<br>16. 1<br>16. 2<br>16. 2<br>16. 2<br>16. 3<br>16. 4<br>16. 2<br>16. 2<br>16. 2<br>16. 3<br>16. 4<br>16. 2<br>16. 2<br>16. 3<br>16. 4<br>16. 5<br>16. 4<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5<br>16. 5 | 35. 5<br>35. 2<br>34. 7<br>35. 6<br>35. 5<br>34. 9<br>36. 6<br>38. 2<br>35<br>36<br>36. 4<br>38. 5<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. | 23. 5<br>23. 6<br>23. 6<br>23. 6<br>23. 7<br>24. 3<br>25. 9<br>24. 5<br>25. 1<br>24. 24. 9<br>25. 1<br>25. 2<br>24. 3<br>25. 7<br>24. 2<br>24. 9<br>25. 7<br>24. 2<br>24. 3<br>25. 7<br>24. 2<br>24. 3<br>25. 7<br>24. 2<br>24. 3<br>25. 7<br>24. 2<br>24. 3<br>25. 7<br>26. 2<br>26. 2<br>26. 2<br>27. 2<br>28. 9<br>28. 9<br>29. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 20. 20. 20. 20. 20. 20. 20. 20. 20.   | 36. 5<br>36. 4<br>36. 6<br>37. 35<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5<br>37. 5 | 17, 21, 5<br>21, 3<br>20, 7<br>22, 3<br>20, 5<br>20<br>22<br>22, 1<br>22, 2<br>23, 3<br>20, 3<br>21<br>22, 5<br>22, 9<br>20, 5<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>22, 1<br>23, 24, 4<br>23, 4<br>24, 4<br>23, 4<br>23, 5<br>24, 6<br>24, 6<br>25, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>2 |
| Day.  Maxi- Mini- mum. Maxi- Mini- mum. Maxi- mum. Mini- mum. mum. mum.   | 34.6 25.4  | 24. 6   |   | 35.1  | 24.2   | 37.2   | 22  |
| Maxi-<br>mum. Mini-<br>mum. Maxi-<br>mum. Maxi-<br>mum. Mini-<br>mum. Mini-<br>mum. Mini-<br>mum. Mini-<br>mum. Mini-<br>mum. Mini-<br>mum. Mini-   | Laoag.   | Apar  | rri.  | Ca<br>Boje  | pe<br>ador.  | Sa:<br>Dom<br>Bata   |   |
| $\circ C$ , $\circ C$ , $\circ C$ , $\circ C$ , $\circ C$ , $\circ C$ , $\circ C$   |  |   |   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$   | °C. 35. 6 23 34. 7 23. 1 35. 1 24. 6 35. 4 23. 8 35. 1 24. 6 35. 4 23. 8 34. 5 21. 6 35. 1 22. 8 34. 2 23 34. 2 23 34. 2 23 35. 1 22. 8 34. 2 23 34. 2 23 34. 4 23. 1 34. 4 23. 8 34. 7 23. 1 34. 4 22. 9 34. 6 23. 9 34. 6 23. 9 34. 6 23. 9 34. 6 23. 9 34. 6 23. 9 34. 6 23. 9 34. 6 23. 9 34. 6 23. 9 34. 6 23. 9 34. 6 23. 9 34. 6 23. 9 34. 6 23. 9 34. 6 23. 9 34. 6 23. 8 34. 9 24. 5 34. 9 24. 1  | 33. 3<br>35. 1<br>33. 6<br>33. 4<br>34. 8<br>36. 4?<br>34. 8<br>35. 3<br>38. 5<br>36. 4<br>37. 3<br>38. 5<br>38. 5<br>38. 5<br>38. 5<br>38. 4<br>38. 5<br>38. 4<br>38. 5<br>38. 4<br>38. 6<br>38. 7<br>38. 1<br>38. 2<br>38. 4<br>38. 2<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>38. 3<br>3  | °C. 21. 3 22. 4 23. 3 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 6 22. 6 22. 6 22. 6 22. 6 22. 6 22. 6 22. 6 22. 24. 1 23. 5 24. 3 24. 24. 24. 3 24. 8 23. 5 24. 3 24. 24. 8 23. 5 24. 3 24. 8 23. 5 24. 3 24. 8 23. 5 24. 3 24. 8 23. 5 24. 3 24. 8 23. 5 24. 3 24. 8 23. 5 24. 3 24. 8 23. 5 24. 3 24. 8 23. 5 24. 3 24. 8 23. 5 24. 3 24. 8 23. 5 24. 3 24. 8 23. 5 24. 1 2 23. 5   | °C.<br>33.8<br>33.4<br>33.2<br>31.4<br>33.8<br>33.4<br>33.4<br>33.4<br>33.4<br>33.4<br>33.4<br>33   | °C. 24. 5<br>24. 6<br>25. 4<br>25. 4<br>25. 8<br>24. 4<br>25. 8<br>24. 2<br>25. 4<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 4<br>25. 2<br>25. 2<br>25. 2<br>25. 4<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 3<br>25. 2<br>25. 3<br>25. 4<br>26. 4<br>26. 4<br>26. 4<br>26. 4<br>26. 4<br>26. 4<br>26. 4<br>26. 4<br>26. 4<br>26. 4<br>26. 4<br>26. 4<br>26. 4<br>26. 5<br>26. 4<br>26. 4<br>26. 4<br>26. 4<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26 | °C.<br>31. 2<br>31. 9<br>31. 6<br>32. 6<br>32. 6<br>31. 6<br>32. 7<br>32. 6<br>31. 6<br>32. 7<br>32. 9<br>31. 5<br>33. 1<br>34. 3<br>34. 3<br>34. 8<br>34. 8<br>33. 8<br>33. 8<br>33. 8<br>33. 8<br>33. 8<br>33. 8<br>33. 6  | 24. 7<br>24. 3<br>24. 9<br>23. 4<br>23. 9<br>24. 5<br>23. 4<br>23. 7<br>24. 5<br>25. 3<br>24. 4<br>25. 5<br>24. 4<br>25. 5<br>25. 2<br>26. 5<br>26. 5<br>27. 2<br>26. 5<br>27. 2<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 5     |

<sup>\*</sup> The maximum temperatures of this station are not reliable: they seem to be too high.

# SEISMOLOGICAL BULLETIN FOR MAY, 1918.

By Rev. MIGUEL SADERRA MASÓ, S. J., Chief, Seismic and Magnetic Divisions, Weather Bureau.

# EARTHQUAKES FELT IN THE PHILIPPINES.1

- 4,  $5^h$   $48^m$  [4,  $13^h$   $48^m$ ]. Basco (Batanes Islands). Oscillatory earthquake, direction NE-SW, intensity IV, duration 7 seconds.
- 6, 13<sup>h</sup> 01<sup>m</sup> [6, 21<sup>h</sup> 01<sup>m</sup>]. Naga (SE Luzon). Earthquake of intensity IV, felt through the region of Isarog Mountain. A repetition with intensity III occurred at 21<sup>h</sup> 10<sup>m</sup> (insular time). Both lasted about 7 seconds and were preceded by the subterranean rumbling peculiar of nearly all the shocks felt in that region.<sup>2</sup>
  - 7, 8<sup>h</sup> 28<sup>m</sup> [7, 16<sup>h</sup> 28<sup>m</sup>]. Butuan (N Mindanao). Earthquake shock of intensity II-III.
- 8, 3<sup>h</sup> 18<sup>m</sup> [8, 11<sup>h</sup> 18<sup>m</sup>]. Basco (Batanes Islands). Earthquake of intensity III, duration 4 seconds.
- 8,  $8^h$   $37^m$  [8,  $16^h$   $37^m$ ]. Surigao (NE Mindanao). Local shock of intensity II-III. It repeated at  $21^h$   $12^m$  (insular time).
- 8,  $20^h$   $19^m$  [9,  $4^h$   $19^m$ ]. Camiguin Island (N of Mindanao). Earthquake of intensity III.
- 9, 4<sup>h</sup> 23<sup>m</sup> [9, 12<sup>h</sup> 23<sup>m</sup>]. Naga (SE Luzon). Earthquake shock of intensity II–III, somewhat more strongly felt in the eastern part of Mount Isarog.
- 11,  $17^h$   $41^m$  [12,  $1^h$   $41^m$ ]. Butuan (N Mindanao). Oscillatory earthquake, direction E-W, intensity III, duration 4 seconds.
- 13,  $3^h$   $46^m$   $49^s$  \* [13, 11<sup>h</sup>  $46^m$   $49^s$ ]. Davao (SE Mindanao). Earthquake of intensity II–III. It was recorded at Manila and Butuan as a rather distant earthquake, probably originated in the eastern part of Celebes Sea.
- 13, 17<sup>h</sup> 25<sup>m</sup> [14, 1<sup>h</sup> 25<sup>m</sup>]. Lanao (N Mindanao). Oscillatory earthquake, direction ESE-WNW, intensity IV, duration 5 seconds. Recorded at Butuan.
- 15,  $16^h$   $05^m$   $34^s$  \* [16,  $0^h$   $05^m$   $34^s$ ]. NW Luzon. Earthquake of intensity IV felt through the Ilocos Norte Province. It repeated later at  $9^h$   $38^m$  (insular time), with somewhat greater intensity and extension. The origin was located in the China Sea not far from the NW end of Luzon.
- 15, 17<sup>h</sup> 44<sup>m</sup> [16, 1<sup>h</sup> 44<sup>m</sup>]. Samar and Leyte. Earthquake of intensity III, in the northern part of Leyte and SW of Samar. At 16<sup>h</sup> 45<sup>m</sup> occurred a similar shock. Very likely both originated in the volcanic region of Biliran Island, N of Leyte.
  - 19, 9<sup>h</sup> 43<sup>m</sup> [19, 19<sup>h</sup> 22<sup>m</sup>]. Guam (Mariana Islands). Earthquake of intensity III.
- 21,  $19^{\rm h}$   $10^{\rm m}$   $40^{\rm s}$  \* [22,  $3^{\rm h}$   $10^{\rm m}$   $40^{\rm s}$ ]. Samar, Leyte and E Mindanao. Earthquake of intensity VI, originated in the Philippine Deep. It had its greatest intensity in the northeastern portion of Mindanao, where occurred an aftershock at  $8^{\rm h}$   $31^{\rm m}$  (insular time).

<sup>&</sup>lt;sup>1</sup> The intensity of earthquakes is given in the notation known as the Rossi-Forel scale. The time is that indicated by the seismographs at the Central Observatory whenever the disturbance has been registered by them. This fact is denoted by an asterisk (\*). Otherwise the time is that noted by the observer who sent the report. All time indications are in Greenwich mean time (midnight= $0^{\text{h}}$ ), insular time being added in brackets for the convenience of Philippine readers.

<sup>&</sup>lt;sup>2</sup> See Bulletin for October, 1917.

- 22,  $20^h$   $05^m$  [23,  $4^h$   $05^m$ ]. Surigao (NE Mindanao). Earthquake of intensity III. Origin in the Pacific.
- 26,  $9^h$   $23^m$  [26,  $17^h$   $23^m$ ]. Surigao (NE Mindanao). Earthquake shock of intensity II–III. It repeated with the same character at  $15^h$   $31^m$  [ $23^h$   $31^m$ ] and on the 27 at  $8^h$   $42^m$  [ $16^h$   $42^m$ ]. All these shocks with the principal occurred on the 21st seem to have originated in the vicinity of the deepest part of the Philippine Deep, east of Surigao.
- 27,  $2^h$   $42^m$  [27,  $10^h$   $42^m$ ]. Tigaon (SE Luzon). Earthquake of intensity II-III; it repeated at  $2^h$   $53^m$  [ $10^h$   $53^m$ ] with intensity III-IV. Originated in the Isarog Mountain but felt only in places very near to it.
- 30,  $0^h$   $18^m$   $44^s$ \* [30,  $8^h$   $18^m$   $44^s$ ]. N Luzon. Earthquake of intensity V felt in the northernmost provinces of Luzon. It originated outside of the island toward the eastern part of the Babuyanes group.
- 31,  $3^h$   $45^m$  [31,  $11^h$   $45^m$ ]. Surigao (NE Mindanao). Earthquake shock of intensity II–III.

#### RECORDS OF THE MICROSEISMOGRAPH.

[Time: Greenwich mean. Midnight=0h. Instrument: Wiechert seismograph; 1,000 kilograms.  $A_N$ :  $T_0=5.6$ ,  $\epsilon=2.768$ ,  $\frac{r}{T_02}=0.028$ ;  $A_E$ :  $T_0=5.5$ ,  $\epsilon=2.032$ ,  $\frac{r}{T_{02}}=0.076$ . Alluvium. 2.40 meters above sea level.]

|       |  | Phase.  | Hour.  |   | Period.        | Amplitude.   |  |                      |
|-------|--|---|--|---|----------------|--|--|----------------------|
| Date. | Character.   |   |  |   |                | A <sub>N</sub><br>μ  | $egin{array}{c} A_{\mathbf{E}} \ \mu \end{array}$  | Remarks.             |
| 4     | Hr   | eP<br>S<br>L<br>Mn                                    | 6 07<br>09<br>10   | 53<br>26  |                |  |  |                      |
|       |  | M <sub>E</sub><br>F                                   | 11   | 16  |                |  | 391  |                      |
| 10    | Ιv   | $^{ m eP}_{ m L}_{ m M_N}$                            | 29<br>29   | 28<br>32  | 2              | 75   |  |                      |
|       |  | $\mathbf{F}$  | 35   |   |                |  |  |                      |
| 13    | Ir   | eP<br>L<br>F  | 48   | 44  |                |  |  | Davao (SE Mindanao). |
| 13    | Ιv   | eP<br>L<br>M  | 10   | 26  |                |  |  |                      |
|       | T  | F   | 15   |   |                |  |  |                      |
|       |  |   | 37   |   |                |  |  |                      |
|       |  | F   | 17   |   |                |  |  | NW Luzon.            |
|       |  | $\mathbf{F}$  | 11   |   |                |  |  |                      |
| 10    |  | L<br>M <sub>N</sub><br>F                              | 45<br>46   | 43<br>21  | 4              | 73   |  |                      |
| 16    | lv   | eP<br>F   | 4 08<br>14   | 39  |                |  |  |                      |
| 19    | Ιv   | $_{\mathbf{F}}^{\mathbf{eP}}$                         |  |   |                |  |  |                      |
| 19    | I  | eP<br>F   | 18 05  | ,   |                |  |  |                      |
| 20    | llu  | $\mathbf{L}^{\mathbf{e}}_{\mathbf{L}}$                | 52   | 54  | 24             |  |  | La Serena (Chile).   |
|       |  | $M_{N2}$  | 58   | <b>5</b> 8  | 25<br>25<br>25 | 11<br>10   | 7  | ,                    |
|       | 10<br>13<br>13<br>14<br>15<br>16<br>16<br>19<br>19 | 10 Iv  13 Ir  13 Iv  14 I  15 Iv  16 IIv  19 Iv  19 I | 4 IIIr ePS L MN ME F  10 Iv eP L MN ME F  13 Ir eP L MN F  14 I eP L MN F  15 Iv eP F  16 IIv eP F  16 Iv eP F  19 Iv eP F  19 Iv eP F  20 IIu e L MN MN F | 4 IIIr eP 6 07 S 09 L 10 M <sub>N</sub> 10 M <sub>E</sub> 7 7 20 L 10 IV eP 17 29 M <sub>N</sub> 29 F 35 13 Ir eP 14 10 L M <sub>N</sub> 10 M <sub>N</sub> 10 M <sub>N</sub> 10 M <sub>N</sub> 10 F 15 IV eP 16 05 F 17 15 IV eP 16 05 F 17 16 IIV eP 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | A              | 4 IIr eP 6 07 44 8 99 53 1 1 10 26 M <sub>N</sub> 10 46 4 4 M <sub>E</sub> 11 16 5 7 7 20 1 1 29 28 M <sub>N</sub> 29 32 2 M <sub>E</sub> 29 35 2 2 M <sub>N</sub> 48 44 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | A   IIr   eP   6   07   44   14   10   16   16   17   15   Iv   eP   1   4   3   46   21   4   73   73   16   Iv   eP   1   4   4   4   4   19   Iv   eP   1   4   3   46   21   4   73   75   44   25   11   16   15   15   20   11   16   17   17   18   17   18   19   17   18   17   18   19   18   19   18   10   42   2   101   10   10   10   10   10   1 | A                    |

#### SEISMOLOGICAL BULLETIN.

# Records of the microseismograph—Continued.

|     | -     |            |   |   |         | Amp                 | litude.                |                              |
|-----|-------|------------|---|---|---------|---------------------|------------------------|------------------------------|
| No. | Date. | Character. | Phase.  | Hour.   | Period. | A <sub>N</sub><br>μ | $A_{\mathbf{E}}$ $\mu$ | Remarks.                     |
| 172 | 20    | IIr        | eP<br>S<br>L<br>M <sub>N</sub><br>M <sub>E</sub><br>F   | h. m. s.<br>18 09 41<br>15 38<br>20 39<br>21 47<br>24 30<br>20 01 | 7 8     | 147                 | 74                     |                              |
| 173 | 21    | I          | e<br>F  | 11 32 15<br>12 06   |         |                     |                        |                              |
| 174 | 21    | Ir         | $\begin{array}{c} \mathbf{ePS} \\ \mathbf{L} \\ \mathbf{M_N} \\ \mathbf{M_E} \\ \mathbf{F} \end{array}$ | 19 10 40<br>13 12<br>13 54<br>13 58<br>51                         | 8 8     | 92                  | 59                     | Samar, Leyte and E Mindanao. |
| 175 | 22    | Ir         | $\begin{matrix} \mathbf{e} \\ \mathbf{L} \\ \mathbf{M_N} \\ \mathbf{F} \end{matrix}$                    | 6 41 57<br>47 09<br>47 38<br>7 31                                 | 6       | 38                  |                        |                              |
| 176 | 23    | Iu         | e<br>S<br>L<br>M <sub>N</sub><br>F  | 12 27 09<br>36 41<br>51 32<br>55 36<br>13 50                      | 24      | 8                   |                        |                              |
| 177 | 25    | Ir         | S<br>L<br>M <sub>N</sub><br>F   | 19 49 12<br>53 00<br>55 13<br>56 19<br>20 55                      | 9       | 23                  |                        |                              |
| 178 | 26    | Ir         | $\begin{array}{c} \mathrm{ePS} \\ \mathrm{L} \\ \mathrm{M_N} \\ \mathrm{M_E} \\ \mathrm{F} \end{array}$ | 19 47 00<br>51 03<br>51 18<br>51 18<br>20 11                      | 4<br>5  | 21                  | 9                      |                              |
| 179 | 30    | Ιv         | $\begin{array}{c} \mathbf{eP} \\ \mathbf{L} \\ \mathbf{M_E} \\ \mathbf{M_N} \\ \mathbf{F} \end{array}$  | 0 18 44<br>19 38<br>19 43<br>19 46<br>28                          | 3 3     | 20                  | 17                     | N Luzon.                     |
| 180 | 31    | Ιv         | eP<br>F   | 4 26 56<br>30   |         |                     |                        |                              |
| 181 | 31    | Ir         | e<br>L<br>F   | 8 53 48<br>59 46<br>9 11  |         |                     |                        |                              |

158931---2

#### TEMBLORES DE TIERRA SENTIDOS EN FILIPINAS.<sup>1</sup>

- 4, 5<sup>h</sup> 48<sup>m</sup> [4, 13<sup>h</sup> 48<sup>m</sup>]. Basco (Islas Batanes). Temblor oscilatorio, dirección NE-SW, intensidad IV, duración 7 segundos.
- 6, 13<sup>h</sup> 01<sup>m</sup> [6, 21<sup>h</sup> 01<sup>m</sup>]. Naga (SE de Luzón). Temblor de tierra oscilatorio de intensidad IV, sentido en toda la región del monte Isarog. Repitió con intensidad III a 21<sup>h</sup> 10<sup>m</sup> (tiempo insular). Ambos duraron de 5 a 7 segundos y fueron precedidos del ruido subterráneo característico de los temblores de tierra de dicha región.<sup>2</sup>
- 7,  $8^h$   $28^m$  [7,  $16^h$   $28^m$ ]. Butúan (N de Mindanao). Temblor de tierra de intensidad II—III.
- 8,  $3^h$   $18^m$  [8,  $11^h$   $18^m$ ]. Basco (Islas Batanes). Temblor de tierra de intensidad III, duración 4 segundos.
- 8,  $8^h$   $37^m$  [8,  $16^h$   $37^m$ ]. Surigao (NE de Mindanao). Temblor de tierra local de intensidad II–III. Repitió con la misma intensidad a  $21^h$   $12^m$  (tiempo insular).
- 8,  $20^h$   $19^m$  [9,  $4^h$   $19^m$ ]. Isla de Camiguín (N de Mindanao). Temblor de tierra de intensidad III.
- 9, 4<sup>h</sup> 23<sup>m</sup> [9, 12<sup>h</sup> 23<sup>m</sup>]. Naga (SE de Luzón). Temblor de tierra de intensidad II-III, algo más perceptible en la parte E del Isarog.
- 11, 17<sup>h</sup> 41<sup>m</sup> [12, 1<sup>h</sup> 41<sup>m</sup>]. **Butúan** (N de Mindanao). Temblor oscilatorio, dirección E-W, intensidad III, duración 4 segundos.
- 13, 3<sup>h</sup> 46<sup>m</sup> 49<sup>s</sup> \* [13, 11<sup>h</sup> 46<sup>m</sup> 49<sup>s</sup>]. Dávao (SE de Mindanao). Temblor de tierra de intensidad II–III. Registrado en Manila y Butúan, su epicentro parece se hallaba algo lejos al sur en la parte oriental del Mar de Célebes.
- 13, 17<sup>h</sup> 25<sup>m</sup> [14, 1<sup>h</sup> 25<sup>m</sup>]. Lanao (N de Mindanao). Temblor oscilatorio, dirección ESE-WNW, intensidad IV, duración 5 segundos. Registrado en Butúan.
- 15, 16<sup>h</sup> 05<sup>m</sup> 34<sup>s</sup> \* [16, 0<sup>h</sup> 05<sup>m</sup> 34<sup>s</sup>]. **NW** de Luzón. Temblor de tierra de intensidad IV, sentido en toda la Provincia de Ilocos Norte. Horas después, a 9<sup>h</sup> 38<sup>m</sup> (tiempo insular), se sintió en la misma región otro de alguna mayor intensidad y extensión; ambos se originaron al parecer en el Mar de la China a poca distancia de la costa NW de Luzón.
- 15, 17<sup>h</sup> 44<sup>m</sup> [16, 1<sup>h</sup> 44<sup>m</sup>]. **Sámar y Leyte**. Temblor de tierra de intensidad III sentido en la parte N de Leyte y SW de Sámar, originado al parecer en el centro volcánico de las Islas de Biliran, N de Leyte. El mismo día 16 a 16<sup>h</sup> 45<sup>m</sup> ocurrió otro de igual intensidad y carácter.
- 19,  $9^h$   $43^m$  [19,  $19^h$   $22^m$ ]. Guam (Islas Marianas). Temblor de tierra de intensidad III.
- 21, 19<sup>h</sup> 10<sup>m</sup> 40<sup>s</sup> \* [22, 3<sup>h</sup> 10<sup>m</sup> 40<sup>s</sup>]. Sámar, Leyte y E de Mindanao. Temblor de tierra de intensidad VI originado en el Abismo Filipino del Pacífico. Sintióse en la islas indicadas y en toda la porción oriental de Mindanao, principalmente al NE. A 8<sup>h</sup> 31<sup>m</sup> (tiempo insular) del mismo 22 ocurrió una repetición solamente sentida, con intensidad III, en la península de Surigao, que comprende la parte NE de la isla.
- 22, 20<sup>h</sup> 05<sup>m</sup> [23, 4<sup>h</sup> 05<sup>m</sup>]. Surigao (NE de Mindanao). Temblor de tierra de intensidad III. Este temblor parece se originó también en el Abismo del Pacífico.

<sup>2</sup> Véase "Bulletin for October, 1917."

¹ La intensidad de los terremotos se indica conforme a la conocida escala de Rossi-Forel. Cuanto a la hora de su ocurrencia, adoptamos la indicada por los sismógrafos de este Observatorio siempre que los hayan registrado, distinguiéndola por medio de un asterisco (\*). En caso contrario copiamos la apuntada por los observadores que nos envían las notas. Todas las indicaciones del tiempo se refieren al tiempo medio de Greenwich (medianoche=0<sup>h</sup>). Para conveniencia de los lectores de Filipinas se añade también el tiempo insular.

26, 9<sup>h</sup> 23<sup>m</sup> [26, 17<sup>h</sup> 23<sup>m</sup>]. Surigao (NE de Mindanao). Temblor de tierra de intensidad II—III. Repitió con el mismo carácter a 15<sup>h</sup> 31<sup>m</sup> [23<sup>h</sup> 31<sup>m</sup>] y a 8<sup>h</sup> 42<sup>m</sup> [16<sup>h</sup> 42<sup>m</sup>] del día 27. Todos estos pequeños temblores fueron probablemente réplicas del terremoto del 21, originadas cerca de la parte más profunda del Abismo del Pacífico situada al E de Surigao.

27, 2<sup>h</sup> 42<sup>m</sup> [27, 10<sup>h</sup> 42<sup>m</sup>]. Tigaon (SE de Luzón). Temblor de tierra de intensidad III—III. Repitió con intensidad III—IV a 2<sup>h</sup> 53<sup>m</sup> [10<sup>h</sup> 53<sup>m</sup>]. Originados en el Isarog y sentidos solamente en los sitios más próximos a la montaña.

30, 0<sup>h</sup> 18<sup>m</sup> 44<sup>s</sup> \* [30, 8<sup>h</sup> 18<sup>m</sup> 44<sup>s</sup>]. N de Luzón. Temblor de tierra de intensidad V sentido en toda la parte más septentrional de Luzón. Su origen estaba fuera de la isla hacia la parte oriental del grupo de las Islas Babuyanes.

31,  $3^h$   $45^m$  [31,  $11^h$   $45^m$ ]. Surigao (NE de Mindanao). Temblor de tierra de intensidad II-III.

10 63 b

OFHERAL LINGAR

JAN 281919 UNIV. OF MICH

THE GOVERNMENT OF THE PHILIPPINE ISLANDS

# WEATHER BUREAU

MANILA CENTRAL OBSERVATORY

BULLETIN FOR JUNE, 1918

PREPARED UNDER THE DIRECTION OF
REV. JOSÉ ALGUÉ, S. J.
DIRECTOR OF THE WEATHER BUREAU

MANILA BUREAU OF PRINTING 1918

|   | 일하다 된 이 생활하는 물이 하시다                               |  |   |          |  |
|---|---|--|---|----------|--|
| 그는 발생님이 되는 사람이 되는 것이 되었다면 없다.   |   |  |   |          |  |
|   |   |  |   |          |  |
| 공항되는 하면 하는 것으로 다시다.   |   |  |   |          |  |
| 소리 경험에 그 보고 환경 지근 것이다.  |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
| 기원 일일이 제어와 생은 엄마되고  |   |  |   |          |  |
| 계약을 제상들이 얼마를 다 보다는데 그 하다.   | 그리를 잃어가면서는 다.                                     |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
| 그릇 하면 기가는 하면 다 나가요?   |   |  |   |          |  |
|   |   |  |   |          |  |
| 공료 선생들의 한 기계 이번 사는 경험이  |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   | 본 경험 기계속 경기 보다                                    |  |   |          |  |
|   |   |  |   |          |  |
| 가격보기 독급한 일이 다 되는데   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
| 마이스 보고 있다. 유럽 사이에 보고 있는 것 같아 되었다. 그런데 보다<br>기계를 기본하는 기업에 생활하는 것 같아 하는데 되었다. |   |  | * |          |  |
| 가 하셨고 하셨습니 공연 못하세요?   |   |  |   |          |  |
| 그 무슨 시간에 가게 하는데 들었다.  |   |  |   |          |  |
|   |   |  |   |          |  |
| 이 강한 화가 하는 사람들이 되었다.  |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   | 등과 그리를 받아보다                                       |  |   |          |  |
| 인 경기를 보고 있는데 얼마를 하고 있다고   |   |  |   |          |  |
| 사용하셨다. 그러워 하고 않다.   |   |  |   |          |  |
|   |   |  |   | 하는 시점 보다 |  |
| 강하다면서 반찬하다면 어느냐?  |   |  |   |          |  |
| 요리랑   | 19 1일 - 12 1일 1일 1일 1일 1일 1일 1일 1일 1일 1일 1일 1일 1일 |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   | 사용 사람이 가능하는 기계 ()<br>- 14 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계 |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |
|   |   |  |   |          |  |

# METEOROLOGICAL BULLETIN FOR JUNE, 1918.

By Rev. JOSE CORONAS, S. J.,

Chief, Meteorological Division of the Weather Bureau.

#### GENERAL WEATHER NOTES.

Pressure and temperature.—The mean atmospheric pressure for this month is lower than that of the preceding year and lower also than the normal for June, especially in northern Luzon. The highest pressures were generally observed on the 1st or 9th, and the lowest on the 28th and 29th when a typhoon was passing to the east and north of Luzon.

The mean monthly temperature is slightly lower than the June's normal in almost all our stations. The absolute maximum and minimum temperatures of the month for Manila were  $35.1^{\circ}$  C. on the 18th, and  $22.5^{\circ}$  C. on the 9th and 25th. The extreme temperatures for Baguio were  $26.5^{\circ}$  C.,  $12.4^{\circ}$  C. on the top of Mirador, and  $26.3^{\circ}$  C.,  $12.5^{\circ}$  C. in the valley.

PRESSURE AND TEMPERATURE AT THE FIRST AND SECOND CLASS STATIONS FOR JUNE, 1918.

|  |  |   | P  | ressure.   |   |  |  |   |  | T                             | emperat  | ure.  |  |   |
|--|--|---|--|--|---|--|--|---|--|-------------------------------|--|---|--|---|
| Station.   | Mean.  | Departure<br>from<br>June,<br>1917.   | Departure from normal.                   | High-<br>est<br>mean.  | Day.  | Low-<br>est<br>mean.   | Day.   | Mean.   | Depar-<br>ture<br>from<br>June,<br>1917. | Departure from normal.        | High-<br>est.  | Day.  | Low-<br>est.   | Day.  |
| Zamboanga Tagbilaran Surigao Cebu Iloilo Tacloban Capiz Calbayog Legaspi Atimonan Ambulong, Tanauan Paracale Manila San Isidro Dagupan Baguio a Vigan Tuguegarao | 57. 71<br>57. 82<br>57. 61<br>57. 57<br>57. 41<br>57. 57<br>57. 40<br>57. 18<br>56. 69<br>57. 17<br>57. 26<br>56. 24<br>635. 29<br>756. 23 | mm.<br>+0.09<br>33<br>42<br>29<br>40<br>69<br>87<br>74<br>83<br>87<br>105<br>96<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106<br>106 | mm.  -0.263928656752507954 -174 -1.15 -1 | mm. 759. 70 59. 64 59. 67 59. 69 59. 59 59. 70 59. 88 59. 71 58. 61 687. 62 759. 98 59. 98 | 9<br>8<br>9<br>9<br>9<br>9<br>8,9<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1 | mm.<br>755. 80<br>53. 81<br>52. 50<br>52. 28<br>50. 94<br>50. 78<br>47. 98<br>47. 89<br>47. 89<br>47. 79<br>47. 79<br>47. 79<br>47. 79<br>47. 79<br>47. 79<br>47. 79<br>47. 80<br>48. 60<br>46. 41<br>47. 79<br>47. 79<br>47. 66<br>45. 82<br>624. 53<br>742. 56<br>38. 45 | 28<br>28<br>27<br>28<br>28<br>27<br>28<br>27<br>28<br>28<br>28<br>28<br>29<br>29<br>29<br>29 | °C. 26. 3 26. 4 27. 3 26. 7 26. 5 26. 7 27. 27 27. 27 27. 27. 2 27. 5 27. 8 18. 5 27. 9 27. 2 | °C 0.211325494334 + .52                  | °C.  -1.185798 -19 -12223 +.2 | °C.<br>31. 2<br>31. 7<br>33. 2<br>33. 1<br>33. 5<br>33. 3<br>30. 8<br>34. 2<br>36. 2<br>34. 1<br>35. 1<br>36. 4<br>37<br>26. 5<br>34. 3<br>39. 6 | 1 25, 30 16 1 1 3, 15 13 3 2 12 18 22 1 2 27 13 1 | °C. 21. 8 21. 6 22. 4 22. 4 22. 7 22 21. 8 22. 9 21. 9 22. 6 22. 5 21. 5 21. 5 21. 5 21. 4 21. 9 | 17<br>11<br>3<br>10<br>3<br>7, 11<br>1<br>14<br>11<br>24<br>30<br>9, 24<br>30<br>30<br>16<br>30<br>30 |

a The barometric readings of this station are not reduced to sea level.

Rainfall.—The total amount of rainfall for this month in the Philippines is, with very few exceptions, greater than that of the preceding year and than the normal for June. Manila is one of these exceptions with a monthly rainfall which is 9.4 mm. below the normal of this month. The monthly rainfall for Baguio is 462.7 mm. and 329.9 mm. above that of the preceding year and above the June's normal, respectively.

RAINFALL AT VARIOUS STATIONS OF THE WEATHER BUREAU DURING THE MONTH OF JUNE, 1918.

| Station.  | Total.  | Departure from<br>June, 1917.  | Departure from<br>normal.               | Days of rain.   | Departure from<br>June, 1917.   | Greatestrainfall<br>in a single day.   | Day.  | Station.   | Total.  | Departure from<br>June, 1917.   | Departure from<br>normal.  | Days of rain.   | Departure from<br>June, 1917.  | Greatest rainfall<br>in a single day.  | Day.   |
|---|---|--|---|---|---|--|---|--|---|---|--|---|--|--|--|
| Jolo Isabela, Basilan Zamboanga Davao Cotabato Camp Keithley, Lanao Cagayan, Misamis Dapitan Butuan Mambajao Dumaguete Yap, W. Carolines Tagbilaran Iwahig Surigao Maasin Cebu Iloilo San Jose Buenavista. Cuyo Ormoc Guiuan Tacloban Capiz Borongan Catbalogan Catbalogan Catbalogan Calbayog Masbate Romblon Batag Sorsogon Legaspi | 394<br>164, 5<br>319, 5<br>181, 6<br>230, 8<br>319, 3<br>181, 7<br>227<br>303, 5<br>366, 9<br>388, 6<br>292<br>252, 4<br>161, 4<br>231, 8<br>421, 9<br>382, 3<br>339, 1<br>388, 6<br>418, 7 | + 13.7 - 129.9 + 71.8 - 23.3 + 121.9 - 112.2 + 15 + 71.4 + 15 + 71.4 + 15 + 160 + 16 | +178. 5<br>+197. 8<br>- 1. 6<br>- 39. 5 | 21<br>19<br>13<br>21<br>28<br>21<br>22<br>26<br>19<br>21<br>17<br>8<br>23<br>19<br>28<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21 | 00<br>+11<br>61<br>33<br>33<br>+22<br>+24<br>-55<br>+22<br>-43<br>-44<br>-11<br>33<br>00<br>+44<br>+41<br>+33<br>+11<br>+33<br>+7 | 24.6<br>32<br>64.1<br>57.9<br>64<br>60.2<br>60.7<br>82.3<br>56.6<br>102.4<br>53.1<br>49.6<br>29.2<br>52.5<br>119.9<br>170.1<br>148.5 | 23<br>16<br>18<br>27<br>18, 27<br>22<br>26<br>17<br>5<br>20<br>1<br>4<br>27<br>6<br>4<br>20<br>10<br>25<br>26<br>26<br>26<br>26<br>27<br>5<br>5<br>26<br>27 | Sumay, Guam Calapan Virac Naga Tigaon Batangasa Lucena Atimonan Ambulong, Tanauan Canlubang, Calamba Paracale Santa Cruz, Laguna Manila Antipolo Iba. San Isidro Tarlac. Baler Dagupan Bolinao Baguio San Fernando, Union Echagüe Candon Vigan Tuguegarao Luaoag Aparri Cape Bojeador Santo Domingo, Batanes | mm. 177. 2 336. 9 459. 5 430. 6 682. 8 357. 7 244. 2 299. 7 320. 7 220. 7 260. 6 415. 8 289. 3 224. 7 414. 4 294. 3 166 183. 9 391. 5 341. 5 341. 5 37 344. 4 344. 4 579. 3 167. 6 708. 2 351 272. 1 150. 9 | +161.7<br>+ 68.6<br>+195.3<br>+ 84.9<br>- 46.9<br>+222.5<br>+125.3<br>+ 61<br>+ 18.8<br>- 69.7<br>+228.7<br>+ 228.7<br>+ 38.6<br>- 21.3<br>+142<br>+277.1<br>- 3.8<br>+170.4<br>+174.1<br>+38.2 | +118.6<br>-9.4<br>+ 95.1<br>+ 93.3<br>-51.8<br>-101.2<br>+ 89.3<br>+ 25.5<br>+ 329.9<br>+ 54.7<br>- 35.9<br>+ 201.7<br>+ 279<br>+ 37<br>+ 408.1<br>+ 218.5 | 21<br>20<br>22<br>23<br>13<br>17<br>18<br>16<br>16<br>20<br>21<br>17<br>26<br>15<br>20<br>22<br>22<br>26<br>20<br>8<br>19<br>19<br>10<br>11 | $egin{array}{c} +1 & 0 & 0 & 0 & 0 \\ +8 & -7 & 0 & 0 & 0 & 0 \\ -4 & 0 & 0 & 0 & 0 & 0 \\ +6 & 0 & 0 & 0 & 0 & 0 \\ -1 & 0$ | 62. 7<br>178. 9<br>313. 7<br>160. 5<br>109. 3<br>216. 2<br>67. 6<br>119. 8<br>115. 6<br>53. 3<br>9<br>106. 7<br>4<br>106. 6<br>112. 3<br>109. 3<br>23. 2<br>109. 3<br>109. 3<br>115. 6<br>119. 8<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>100. 7<br>10 | 288<br>277<br>288<br>288<br>288<br>277<br>288<br>299<br>299<br>299<br>299<br>299<br>299<br>299<br>299<br>299 |

a 29 days of observation.

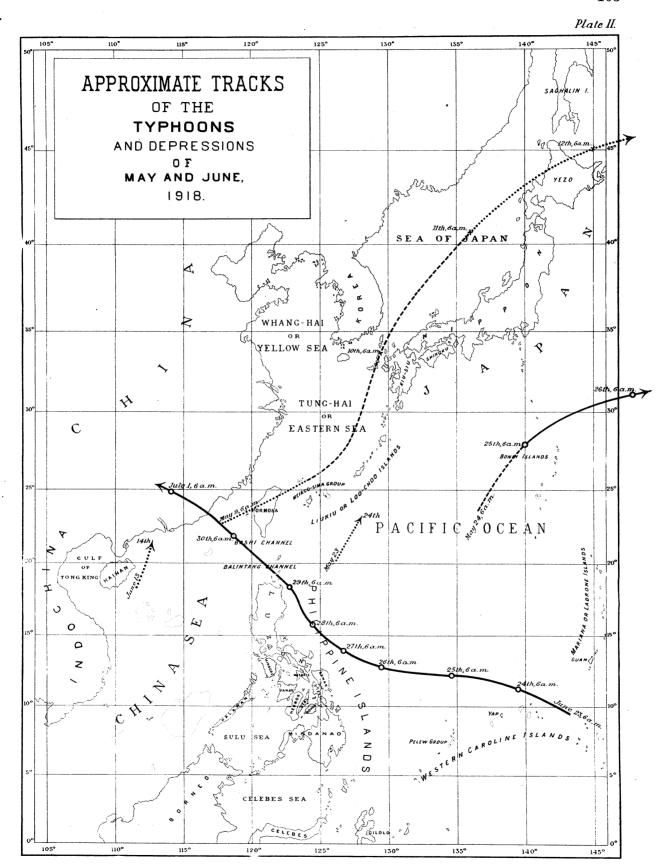
#### DEPRESSIONS AND TYPHOONS.

Besides a shallow depression which appeared to the east of Hainan on the 13th to 14th of this month, there has been only one real typhoon during this month in the Far East, its center having crossed the Philippines through the Babuyan Islands on the 29th. See the track of this typhoon on Plate II together with the depressions and typhoons for last May.

In the following table we publish some of the observations made at Guam and Yap during June 23 to 26. From these it would seem clear that the typhoon formed on the 23rd over the Western Carolines E of Yap and SSW of Guam, almost at the same distance from the two stations.

METEOROLOGICAL OBSERVATIONS FOR JUNE 23 TO 26, 1918.

|                | G         | uam, Ladro | ne Island | ls.                  | Ya                | ap, Western | Caroline   | es.                |
|----------------|-----------|------------|-----------|----------------------|-------------------|-------------|------------|--------------------|
| Date and hour. | _         | Wine       | d.        | Rain, 24<br>hrs. be- | D                 | Wind        | i.         | Rain, 24           |
|                | Pressure. | Direction. | Force.    | ginning<br>6 a. m.   | Pressure.         | Direction.  | Force.     | ginning<br>6 a. m. |
|                | mm.       |            | 0-12.     | mm.                  | mm.               |             | 0-12       | mm.                |
| June 23:       | 1         | _          | 1         | ì                    | 550 50            | G. I.       | i          |                    |
| 6 a. m         |           | E<br>E     | 2 2       | 36. 9                | 756, 53<br>55, 52 | Calm<br>NNW | ' <b>-</b> | 21.6               |
| 2 p. m         |           | E          | 4         | 30. 3                | 55. 56            | NW          | i          | 21.0               |
| June 24:       |           |            |           |                      | 00.00             |             |            |                    |
| 4 a. m         |           |            |           |                      | 52.68             | wsw         | 2          |                    |
| 6 a. m         | 56. 07    | ESE        | 2         |                      | 52.94             | wsw         | 2          |                    |
| 8.20 a. m      |           |            |           |                      | 53.34             | WSW         | 3          |                    |
| 1 p. m         |           | ESE        | 2         | 23.4                 | 52. 94<br>52. 43  | SW<br>SW    | 3          | 20. 1              |
| 2 p. m         |           | ESE        | Z         | 20.4                 | 52. <b>2</b> 6    | sw          | 3          | 20.1               |
| 4 p. m         |           |            |           |                      | 54.01             | Š           | 2          |                    |
| June 25:       |           |            |           |                      |                   | _           | _          | 1                  |
| 6 a. m         | 56. 17    | E          | 1         |                      | 54.08             | Calm        |            | <u></u>            |
| 2 p. m         |           | SE         | 2         | 5.6                  | 53.88             | Calm        |            | 8. 9               |
| June 26:       |           |            |           |                      | FF 00             | C-1         |            | 1                  |
| 6 a. m         |           | Calm<br>E  | 2         | 2.5                  | 55. 88<br>56. 08  | Calm<br>SW  | 2          | 2.3                |
| 2 p. m         | 56.50     | E E        | Z         | 2. 5                 | 30.08             | 5 W         | 4          | 2.6                |



The typhoon was probably not so well developed on the 23rd to 26th as when it was near of over the Philippines from the 27th to the 29th.

Lack of telegraphic reports from Yap and Guam prevented Manila Observatory from announcing this typhoon until the 26th, when it began to influence the weather in the Philippines. The first warning issued at 9.30 a. m. of that day read as follows:

There are signs this morning of a depression or typhoon over the Pacific east of southern Luzon or of San Bernardino Strait; its actual direction cannot yet be ascertained.

Although we have no observations from the extended region of the Pacific between the Western Carolines and the Philippines, yet it seems that the typhoon moved almost due west on the 25th, WNW on the 26th, NW on the 27th, and then NNW and N on the 28th. It was remarkable in this typhoon that, with its center at a distance of over 200 miles, the winds would blow at Manila and in many other places even more distant from the center with sufficient force to cause considerable damage to light buildings, trees, electric wires, etc. The greatest velocities of the wind were recorded in Manila in the evening of the 28th and in the early hour of the 29th.

In the table below some observations are given from the stations of Aparri, Cape Bojeador, and Santo Domingo, while in Plate III we reproduce the barographic records from Aparri and Cape Bojeador together with the isobars for June 27, 6 a. m., June 29, 6 a. m., and June 30, 6 p. m.

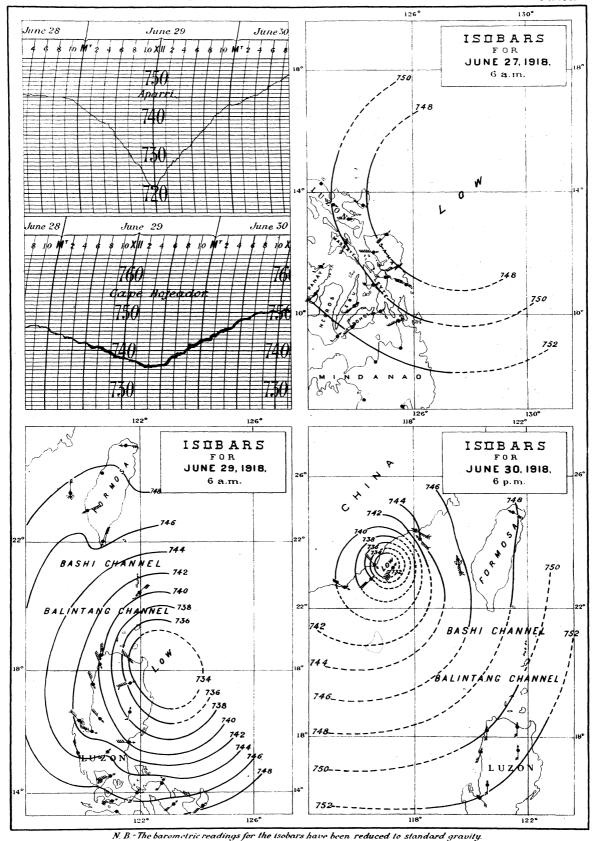
| Date and hour.   |                       |                | A          | parri. |                    |                   |                | Саре       | Bojea      | dor.     |        |                  | Santo      | Dom    | ingo.        |          |
|--|-----------------------|----------------|------------|--------|--------------------|-------------------|----------------|------------|------------|----------|--------|------------------|------------|--------|--------------|----------|
| June 27:   | D. 11                 |                | Wind       | i.     |                    | four              |                | Wind       | ı <b>.</b> | -        | .⊐ æ   |                  | Wind       | . !    |              |          |
| June 27:         6 a.m.         754.14         Calm.         0, p.         10         753.85         NE.         4         c.  | Date and nour.        | Pressure.      | Direction. | Force. | Weather.           | Rain every hours. | Pressure.      | Direction. | Force.     | Weather. |        | Pressure.        | Direction. | Force. | Weather.     | Doinfall |
| 6 a. m   |                       | mm.            |            | 0-12   |                    | mm.               | mm.            |            | 0-12       |          | mm.    | mm.              |            | 0-12   |              | m        |
| 6 a. m   | 6 a. m<br>2 p. m      |                |            | 4      |                    |                   |                |            |            |          | 8. 1   |                  |            |        |              | 2.       |
| 12 noon  | 6 a. m                |                |            |        |                    | 46. 9             | 49.84          | NNE        | 5          | c        |        |                  |            |        |              | 6        |
| 4 p. m.       45.59       NNE       5       0, q, r  | 12 noon               | 48.08          | N          | 4      | o, q, r            |                   | 47. 43         | NNE        | 5          | с        | 22.4   |                  |            |        |              | 2        |
| une 29:       1 a. m.       41.65       NW       5       0, q, r   | 6 p. m                | 45.56          | NNE        | 4      | o, q, r<br>o, q, r |                   |                |            | -          |          |        | 46.46            | NĚ         | 6      | c, q<br>c, q | 3        |
| 2 a. m   | une 29:               | 1              |            |        |                    | 8.1               |                |            |            |          |        |                  | i          |        |              | 6        |
| 4 a. m.       38, 26       NW       6       0, q, r  | 2 a. m                | 40.34          | NW         | 6      | o, q               | 3                 |                |            |            |          |        | 43.94            | ENE        | 5      | o, q, r      |          |
| 7 a. m   | 5 a. m                | 36.85          | NW         | 6      | o, q, r<br>o, q    |                   |                |            |            |          |        | 42.26            | NE         | 7      | o, q, r      | 5        |
| 9 a. m. 28. 80 NW 8 0, q, r 30.3 38. 92 NN 7 0, q 41.29 Eby N 6 0, q, r 10 a. m 26. 70 NW 6 0, q, r 50.3 38. 92 NNW 7 0, q 40.94 ENE 6 0, q, r 11 a. m 23. 99 NW 10 0, q, r 38. 27 NNW 7 0, q 40.08 ENE 6 0, q, r 11.30 a. m 22. 65 NW 10 0, q, r 37. 82 NNW 7 0, q 119. 1 39. 44 Eby N 6 0, q, d 12. 30 p. m 23. 10 W 8 0, q, r 1 p. m 24. 19 SW 8 0, q, r 1 p. m 24. 19 SW 8 0, q, r 37. 82 NNW 7 0, q 38. 87 Eby N 5 0, q, d 2 p. m 26. 60 SSW 10 0, q, r 37. 82 NNW 7 0, q 37. 92 E 6 0, q 4 p. m 30.41 SSE 8 0, q, r 35. 69 NNW 7 0, q 36. 66 Eby S 8 0, q, r 10 p. m 34 S 6 0, q, r 36. 9 NNW 7 0, q 36. 73 E 7 0, q, r 10 p. m 34. 8 5 0, q, r 40.56 SW 8 0, q 37. 59 Eby S 7 0, q, r 100 p. m 41. 36 S 5 0, q, r 40.56 SW 8 0, q 37. 59 Eby S 7 0, q, r 100 p. m 41. 36 S 5 0, q, r 40.56 SW 8 0, q 37. 59 Eby S 7 0, q, r 100 p. m 41. 36 S 5 0, q, r 40.56 SW 8 0, q 37. 59 Eby S 7 0, q, r 100 p. m 41. 36 S 5 0, q, r 40.56 SW 8 0, q 37. 59 Eby S 7 0, q, r 100 p. m 41. 36 S 5 0, q, r 40. 56 SW 8 0, q 37. 59 Eby S 7 0, q, r 100 p. m 41. 36 S 5 0, q, r 40. 56 SW 8 0, q 37. 59 Eby S 7 0, q, r 100 p. m 41. 36 S 5 0 | 7 a. m                | 33. 55         | NW         | 5      | o, q, r            |                   | 40.90          | N          | 6          | o, q     |        | 41.75            | NE         | 3      | o, r         | 11<br>6  |
| 11 a. m  | 9 a. m                | 28.80          | NW         | 8      | o, q, r            | 50.3              | 39. 92         | N          | 6          | o, q     |        | 41.29            | EbyN       | 6      | o, q, r      | 15       |
| 12.30 p. m   | 11 a. m<br>11.30 a. m | 23.09<br>22.65 | NW<br>NW   | 10     | o, q, r            |                   | 38. 27         | NNW        | 7          |          |        | 40.08            | ENE        | 6      | o, q, r      | 3        |
| 2 p. m. 26.60 SSW 10 0, q, r 30.5 37.17 NNW 7 0, q 37.92 E 6 0, q 4 p. m. 30.41 SSE 8 0, q, r 35.69 NNW 7 0, q 36.66 Ebys 8 0, q, r 36.9 NW 7 0, q 36.66 Ebys 8 0, q, r 10 p. m. 41.36 S 5 0, q, r 40.56 SW 8 0, q 37.59 Ebys 7 0, q, r 10 p. m. 41.36 S 5 0, q, r 40.56 SW 8 0, q 37.59 Ebys 7 0, q, r 10 p. m. 30.67 Ebys 7 0, q, r 10 p. m. 30.67 Ebys 7 0, q, r 10 p. m. 30.67 Ebys 7 0, q, r 10 p. m. 30.67 Ebys 7 0, q, r 10 p. m. 30.67 Ebys 7 0, q, r 10 p. m. 30.67 Ebys 7 0, q, r 10 p. m. 30.67 Ebys 7 0, q, r 10 p. m. 30.67 Ebys 7 0, q, r 10 p. m. 30.67 Ebys 7 0, q, r 10 p. m. 30.67 Ebys 7 0, q, r 10 p. m. 30.67 Ebys 7 0, q, r 10 p. m. 30.67 Ebys 7 0, q, r 10 p. m. 30.67 Ebys 7 0, q, r 10 p. m. 30.67 Ebys 7 0, q, r 10 p. m. 30.67 Ebys 7 0, q, r 10 p. m. 30.67 Ebys 7 0, q, r 10 p. m. 30.67 Ebys 7 0, q, r 10 p. m. 30.67 Ebys 8 0, q 10 p. m. 30.67 Ebys 8 0, q, r 10 p. m. 30.67 Ebys 8 0, q 10 p. m. 30.67 Ebys 8 0, q, r 10 p. m. 30.67 Ebys 8 0, q 10 p. m. 30.67 Ebys 8 0, q, r 10 p. m. 30.67 Ebys 8 0, q, r 10 p. m. 30.67 Ebys 8 0, q 10 p. m. 30.67 Ebys 8 0, q, r 10 p. m. 30.67 Ebys 8 0, q, r 10 p. m. 30.67 Ebys 8 0, q, r 10 p. m. 30.67 Ebys 8 0, q 10 p. m. 30.67 Ebys 8 0, q 10 p. m. 30.67 Ebys 8 0, q, r 10 p. m. 30.67 Ebys 8 0, q 1 | 12.30 p. m            | 23.10          | Ŵ          | 8      | o, q, r            |                   |                |            | .          |          | 119. 1 |                  |            |        |              | 1        |
| 6 p. m   | 2 p. m                | 26.60          | SSW        | 10     | o, q, r            |                   | 37.17          | NNW        | 7          | o, q     |        | 37. 92           | Ě          | 6      | o, q         |          |
|  | 6 p. m<br>10 p. m     | 34             | s          | 6      | o, q, r            |                   | 36. 19         | NW         | 7          | o, q     | i      | 36.73            | E          | 7      | o, q, r      | 8        |
| 2 a. m 44.87 SE 4 o, r 7.9 43.96 SSW 8 o, q 40.41 ESE-SE 8 o, q, r 6 a. m 48.56 SE 4 o 1.3 47.98 S 7 o, q 45.62 SSE 5 o, q, d  | 2 a. m                | 44.87<br>48.56 | SE         |        | ,                  | 7.9               | 43.96<br>47.98 | ssw        | 8          |          |        | 40. 41<br>45. 69 | ESE-SE     | 8      |              | 20<br>15 |

METEOROLOGICAL OBSERVATIONS FOR JUNE 27 TO 30, 1918.

The center of the typhoon passed some 30 to 40 miles northeast of Aparri at about noon of the 29th, and it moved again northwestward since the early morning of that day. Hence it entered the China coast near Swatow in the afternoon of the 30th.

# ISOBARS AND BAROGRAPHIC RECORDS TYPHOON OF JUNE 23 TO JULY 1, 1918.

Plate III.



#### NOTAS GENERALES DEL TIEMPO.

Presión y temperatura.—La presión atmosférica media de este mes en Filipinas es menor que la del año pasado y menor también que la normal de junio, especialmente en el N de Luzón. Las presiones más altas del mes se observaron generalmente el día 1 ó el 9, y las más bajas los días 28 y 29 cuando pasaba un tifón al E y N de Luzón.

La temperatura media mensual es ligeramente menor que la normal de junio en casi todas nuestras estaciones. Las temperaturas máxima y mínima absolutas del mes en Manila fueron 35.1° C., que tuvo lugar el día 18, y 22.5° C. registrada los días 9 y 25. Las temperaturas extremas del mes en Baguio fueron 26.5° C., 12.4° C. en la cumbre del Mirador, y 26.3° C., 12.5° C. en el valle.

Precipitación acuosa.—La cantidad total de lluvia de este mes en Filipinas es, con raras excepciones, mayor que la del año pasado y que la normal de junio. Manila es una de estas excepciones con una lluvia mensual que difiere de la normal de este mes en -9.4 mm. La lluvia mensual de Baguio es 462.7 mm. y 239.9 mm. mayor que la del año pasado y que la normal de junio, respectivamente.

#### DEPRESIONES Y TIFONES.

A excepción de una depresión dilatada que apareció al E de Hainán del 13 al 14, no hubo más que un solo verdadero tifón durante este mes en el Extremo Oriente, cuyo centro cruzó Filipinas a través de las Islas Babuyanes el día 29. Véase la trayectoria de este tifón en la Lámina II juntamente con las de las depresiones y tifones de mayo último.

En una table que va en el texto inglés publicamos algunas de las observaciones hechas en Guam y Yap del 23 al 26 de junio. De ellas parece deducirse claramente que el tifón se formó el día 23 en las Carolinas Occidentales al E de Yap y SSW de Guam, casi a igual distancia de ambas estaciones.

El tifón no estaba probablemente tan bien desarrollado del 23 al 26 como cuando se hallaba en, o cerca de, Filipinas los días 27, 28 y 29.

La falta de telegramas de observaciones de Yap y Guam impidió al Observatorio de Manila el anunciar este tifón hasta el 26, en que comenzó a influir en el tiempo de Filipinas. El primer aviso de tifón dado a las 9.30 a.m. de dicho día era de este tenor:

Hay esta mañana indicios de una depresión o tifón en el Pacífico al E del sur de Luzón o del Estrecho de San Bernardino; su dirección actual no se puede aún precisar.

Aun cuando no tenemos observaciones de la extensa región del Pacífico entre las Carolinas Occidentales y las Filipinas, con todo parece que el tifón se movió casi directamente al W el día 25, al WNW el 26, al NW el 27, y luego al NNW y N el 28. Fué notable en este tifón que, hallándose su centro a una distancia de más de 200 millas, los vientos soplasen en Manila y en otros muchos lugares aún más distantes del centro con suficiente fuerza para causar considerable daño a las casas de materiales ligeros, a los árboles, líneas eléctricas, etc. Las máximas velocidades del viento se registraron en Manila la tarde del 28 y en las primeras horas del 29.

En otra tabla que va también en el texto inglés damos algunas observaciones hechas en Aparri, Cabo Bojeador y Santo Domingo, mientras que en la Lámina III reproducimos los registros barográficos de Aparri y Cabo Bojeador juntamente con las isobaras de 6 a.m. del 27 de junio, 6 a.m. del 29, y 6 p.m. del 30.

El centro del tifón pasó a unas 30 ó 40 millas al NE de Aparri hacia el mediodía del 29, y volvió a moverse de nuevo al NW desde la madrugada de dicho día. De ahí que penetrase en la costa de China cerca de Swatow la tarde del día 30.

#### METEOROLOGICAL DATA FOR MANILA CENTRAL OBSERVATORY.

[ $\phi$  = 14° 34′ 41″ N;  $\lambda$  = 120° 58′ 33″ E; barometer above sea, 14.2 meters; gravity correction not applied, -1.72 mm.]

|                                   |  | Air te   | mpera   | ture. b  |  | Und  | ergrou  | na temp  | erature   | •  | D.  |  | Kac  | liation.  | Evapo   | ration.   |
|-----------------------------------|--|--|---|--|--|--|---|--|---|--|---|--|--|---|---|---|
| Day.                              | Pressure (mean).   | Mean.  | Maxi-<br>mum.   | Mini-<br>mum.  | 0. 25 r  | neter.   | 0. 50 1   | meter.   | 1.50<br>meters.   | 2.50<br>meters.  | Rela-<br>tive<br>humid-<br>ity<br>(mean).   | Vapor<br>pres-<br>sure<br>(mean).  | mum<br>on  | Black   | posure  | Shelte<br>(total  |
|                                   |  |  |   |  | 8 a.m.   | 2 p.m.   | 8a. m.  | 2 p. m.  | 8 <b>a.</b> m.  | 8 a. m.  | (incan).  | i<br>i   | grass.   |   |   |   |
| 1                                 | 58. 80<br>58. 94<br>59<br>58. 73<br>59. 15<br>59. 20<br>58. 48<br>57. 88<br>57. 61<br>57. 34<br>56. 56<br>55. 24<br>52. 74<br>47. 79<br>48. 57 | °C.<br>27. 26. 7<br>26. 7<br>28. 8<br>26. 8<br>26. 5<br>27. 4<br>26. 5<br>27. 2<br>27. 5<br>27. 8<br>28. 3<br>27. 4<br>27. 4<br>27. 4<br>28. 3<br>27. 4<br>28. 3<br>27. 4<br>28. 3<br>27. 4<br>28. 3<br>27. 4<br>28. 3<br>27. 4<br>28. 3<br>27. 4<br>28. 3<br>27. 4<br>28. 3<br>27. 4<br>28. 5<br>28. 6<br>28. 6 | °C. 33. 2 33. 5 33. 7 34. 1 33. 3 32. 2 30. 8 32. 7 32. 7 34. 1 33. 3 32. 2 30. 8 34. 8 34. 5 34. 5 34. 5 32. 1 228. 6 29. 1  | °C. 23. 2 23. 4 22. 6 23. 5 24 22. 6 23. 9 24. 1 23. 9 24. 1 23. 9 24. 1 23. 9 24. 1 23. 9 24. 1 23. 9 24. 1 23. 9 24. 1 23. 9 24. 1 23. 8 24. 1 23. 8 24. 5 24. 5 24. 5 24. 5 24. 5 25. 8 | °C. 30.5 30.3 29.8 29.8 29.8 29.6 30.3 29.8 30.3 30.4 30.5 30.2 29.7 30.2 20.7 30.2 20 | °C. 31.7 30.8 31 31.1 33.0 30.2 30.7 31.5 31.2 31.5 31.5 31.5 31.5 31.5 31.5 31.5 31.5 | °C. 30. 9 30. 9 30. 8 30. 6 30. 8 30. 6 30. 3 30. 5 30. 5 30. 6 30. 8 30. 8 30. 8 30. 8 30. 8 30. 8 30. 8 30. 8 30. 8 30. 8 30. 8 30. 8 30. 8 30. 8   | °C. 31.3 30.9 31 30.8 30.3 30.3 30.3 30.5 30.9 30.5 30.9 31.1 30.8 30.8 30.8 30.8 30.8 30.8 30.8 30.8  | °C. 429. 4729. 5729. 6629. 6629. 6629. 729. 729. 729. 729. 729. 729. 829. 829. 829. 829. 929. 929. 929. 9 | C. 9 27. 9 27. 9 27. 9 27. 9 27. 9 27. 9 27. 9 27. 9 27. 9 27. 9 28. 2 28. 2 28. 2 28. 2 28. 2 28. 2 28. 2 28. 2 28. 2 28. 2 28. 2 28. 3 28. 3 28. 3 28. 3 28. 3 28. 3 28. 3 28. 3 28. 3 28. 3 | Per ct. 78.3 81.9 82.4 76.2 82.8 88.2 85.7 79.4 83.2 79.4 83.2 79.4 83.2 79.4 83.2 80.5 82 79.2 84.1 87.6         | mm. 21.4 21.5 21.5 21.4 21.5 21.4 21.5 21.9 21.7 21.8 22.3 22.2 22.6 22.5 22.2 21.2 21.8 21.9 21.6 22.3 21.8 21.9 21.6 22.3 21.8 21.9 21.8 | °C. 21.4 20.8 21.1 22.2 21.5 22.3 22 22.2 22.2 22.2 22.2 22.2 22.2 | °C. 54. 5 56. 5 54. 1 56. 7 55. 1 48. 4 5 53. 2 54. 6 55. 56. 5 56. 5 56. 5 56. 5 57. 5 50. 8 55. 57. 5 50. 8 52. | mm. 4.2 2.4 4.6 2.1 1.2 4.5 4.1 2.7 2.2 2.3 3.6 4.6 3.6 4.1 3.6 4.1 4.8 1.6 1.2 5.5 | mm. 3 1.2.2 3.3 1.8 1.2.2 2.7 2.8 2.2.7 2.8 2.5 2.7 3.3 2.5 2.7 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 |
| Mean                              | 54. 03<br>757. 10  | 26. 2<br>27. 2   | 30<br>32. 5   | 23. 9  | 29.8   | 30.9   | 28. 8<br>30. 5  | 28.8<br>30.7   | 29.8<br>29.8  | 28.3   | 87. 1<br>82. 7  | 21.9   | 22. 6  | 52. 5   | 3<br>88.5   | 2.4   |
| Total<br>Departure from<br>normal | -0.79  | -0.7   | 0   | -0.3   |  |  |   |  |   |  | +1.9  | -0.3   |  |   |   | 71.4  |
|                                   |  |  | Wind.   | 1  |  |  |   | Clo  | uds.  |  |   |  | , 24 h   |   | !   |   |
|                                   | Prevailin<br>direction   | g mo   | otal h  | num at<br>nour-<br>ly  | Direction the time of the maximum velocity   | me 5   | (mean).   | Form a   | and direc   | ction.   | Sun-<br>shine   |  |  |   | <b>f</b> iscell <b>a</b>  | neous.  |
| 6                                 |  | 7 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | 35 447. 5 563. 5 34 111 5552. 5 565. 5 56. 5 56. 5 56. 5 56. 5 56. 5 54 56 5 54 56 5 54 56 5 54 56 5 54 56 5 54 56 5 54 56 5 56 5 5 54 56 5 5 54 56 5 5 54 56 5 5 54 56 5 5 54 56 5 5 54 56 5 5 54 56 5 5 54 56 5 5 54 56 5 5 6 5 5 6 5 5 6 5 5 6 5 5 6 5 5 6 6 5 5 6 6 5 5 6 6 5 5 6 6 5 5 6 6 5 5 6 6 5 5 6 6 5 5 6 6 5 5 6 6 5 5 6 6 5 5 6 6 5 5 6 6 5 5 6 6 5 5 6 6 5 5 6 6 5 6 6 5 5 6 6 6 5 6 6 6 5 6 6 6 5 6 | 18 16 15 11 17.5 18 14 17.5 17.5 17.5 17.5 18 14 15 15 15 15 15 15 15 15 15 15 15 15 15  | SE N, NN SE W ESE, SS SW SES, SS SSW SES, SS SSW SE SS SW SE SS SW SE SS SW SE SS SW SE SS SW SE SS SW SE SS SW SE SS SW SE SS SS SS SS SS SS SS SS SS SS SS SS  | E 4 77 9 9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8   | 5 Ci. 2 Ci. 8 Ci. 4 A. Ci. 2 Ci. 6 Ci. 8 Ci. 8 Ci. 2 Ci. 8 Ci. 8 A. 2 Ci. 8 Ci. 6 Ci. 8 Ci. 6 Ci. 8 Ci. 6 Ci. 6 Ci. 6 Ci. | -S.WN'-Cu. ES<br>Nby's SWby-Cu. E, -SCu. EN, CiS. SS -S. NNE, N-Cu. ES-Cu. SS-Cu. SS-Cu. SS-Cu. SS-Cu. SS-S. S-S. S-S. S-S. S-S. S-S. S-S. S | Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu.   | E E E E E S E S S S S W S S E S S S W S S S E E Quad. CuN.   | 7 1 0 8 0 0 3 0 4 2 3 3 3 3 4 4 2 3 5 5 1 5 5 5 3 3 2 2 7 7 1 1 5 5 5 4 3 7 7 0 2 7 2 2 2 0 0 0 0 0 0 0 0 0 0 0 0 | 00   | 1.9  | 12  | D.  | pd° ≤ p .d° ≤ p .d² pg² p ≤ peeeeeeeee  |
| Total                             |  |  |   |  |  |  |   |  |   |  | 129 1   |  | 7 2  | 48.4  |   |   |
| eparture                          |  |  |   | 1  |  |  |   |  |   |  |   | i  |  |   |   |   |

All the mean values given in this table are deduced from hourly observations.
 These values are taken from instruments mounted in the Observatory Park, 1.5 meters above ground.

#### METEOROLOGICAL DATA FOR MIRADOR OBSERVATORY, BAGUIO.ª

[ $\phi$ =16° 25' N;  $\lambda$ =120° 36' E; barometer above sea, 1,512.5 meters; gravity correction not applied, -1.65 mm.]

|       |   |   |  | erature<br>p of the  |  |  |   | mperatu<br>near the  |  |  |  |  | Radia   | ation.   | Evapo  | ration.   |
|-------|---|---|--|--|--|--|---|--|--|--|--|--|---|--|--|---|
| Day.  | Pres-<br>sure b<br>(mean).  | Mean.   | Maxi-<br>mum.  | Hour.  | Mini-<br>mum.  | Hour.  | Maxi-<br>mum.   | Hour.  | Mini-<br>mum.  | Hour.  | Rela-<br>tive<br>humid-<br>ity<br>(mean).  | Vapor<br>pres-<br>sure<br>(mean)   | Mini-<br>mum<br>on<br>grass.  | Maxi-<br>mum<br>in sun.<br>Black<br>bulb<br>in va-<br>cuo.c  | Free<br>ex-<br>posure<br>(total)   |   |
| 1     | mm. 637. 62 37. 10 36. 52 36. 09 35. 34. 69 36. 30 36. 23 36. 70 37. 12 37. 34 37. 30 36. 94 37. 42 36. 82 36. 23 36. 03 35. 64 35. 13 34. 21 32. 29 27. 64 24. 58 31. 36 | °C. 19.3 18.2 18.6 19.2 18.6 18.6 18.1 18.4 17.8 18.1 18.9 19.1 18.9 18.1 18.9 18.1 18.9 18.1 18.9 18.1 18.9 18.1 | 22.1   | 0. 20p. 1. 20p. 1. 20p. 0. 55p. 10. 50a. 0. 40p. 10. 15a. 1. 45p. 1. 25p. 1. 35p. 0. 30p. 11. 25a. 2. 10p. 11. 05a. 0. 20p. 0. 40p. 10. 25a. 11. 05a. 10. 50a. 10. 50a. 10. 25a. 11. 25a. 10. 50a. 10. 50a. 10. 55p. 10. 25a. 10. 50a. | °C. 14. 7 15. 8 15. 9 15. 8 15. 5 15. 6 15. 5 15. 4 15. 3 16. 7 15. 4 15. 6 15. 6 15. 6 15. 6 15. 6 15. 6 15. 2 15. 6 15. 2 15. 6 15. 4 15. 6 15 | 3. 25a. 5. 30a. 5. 30a. 5. 35a. 5. 00a. 2. 20a. 6. 25a. 4. 00a. 3. 10a. 5. 35a. 12 m. n. 5. 20a. 6. 30a. 12 m. 2. 30a. 3. 00a. 5. 10p. 4. 50p. 4. 50p. 4. 50p. 4. 50a. 5. 55a. 3. 00a. 5. 55a. 3. 00a. 5. 55a. 1. 00a. 5. 35a. 5. 55a. 9. 20p. 2. 35a. | °C. 26. 3 25. 9 24. 4 26. 1 26. 2 24. 7 23. 9 24. 4 25. 5 26. 3 25. 8 25. 1 26. 3 27. 2 28. 9 29. 2 29. 2 20. 9 21. 9 21. 9 | 0. 25p. 0. 35p. 1. 35p. 1. 25p. Noon 11. 20a. 10. 50a. 2. 35p. 0. 30p. Noon 0. 15p. 11. 30a. 2. 00p. 1. 50a. Noon 0. 50p. 1. 50a. Noon 1. 50p. 1. 50a. 1. 10p. 1. 50a. 11. 50a. 11. 50a. 11. 12a. 10. 40a. 0. 10p. 1. 20p. | °C. 13. 9 16 14. 6 15. 3 14. 9 14. 3 15. 2 15. 5 15. 9 15. 8 16. 4 16 15. 5 14. 7 14. 5 14. 1 14. 8 15. 5 15 | 4. 30a. 5. 55a. 5. 55a. 5. 25a. 5. 00a. 6. 00a. 5. 40a. 5. 10a. 4. 00a. 4. 00a. 11. 40p. 4. 30a. 3. 20a. 3. 20a. 3. 20a. 3. 20a. 3. 20a. 3. 20a. 3. 20a. 3. 20a. 3. 5. 55a. 5. 30a. 5. 50a. 5. 55a. 5. 55a. 9. 35p. 3. 00a.  | Per ct. 83.8 88.7 88.5 85.2 86.8 88.8 88.9 92 94. 89.3 86.3 82.5 83.3 84.7 89.8 83.2 94.7 84.7 89.9 89.5 90.7 99.5 | mm. 13. 7 14. 1 13. 6 13. 4 13. 9 14 13. 3 13. 4 14. 5 14. 2 13. 6 14. 3 13. 5 13. 6 14. 3 13. 5 14. 7 14. 1 12. 9 | *C. 13. 5 13. 4 14. 1 14. 2 14. 5 15. 5 16. 4 14. 5 14. 5 13. 9 15. 1 13. 7 13. 5 14. 6 14. 6 14. 9 15. 6 16. 6 10. 6   | © C. 59. 9 63. 8 57. 8 58. 1 56. 9 56. 6 57. 57 56. 6 57. 57 56. 6 58. 1 57. 2 60. 9 60. 9 60. 6 60. 6 47 67 22. 9 60. 1 | mm. 3.3 2.3 1.7 1.8 3.9 3.2 4.2 1.2 2.1 4.2 6.2 3.6 3.5 2.7 2.1 1.1 0 1.8  | mm 1.9 1.4 1.1 1.6 1.3 .9 2.4 2.6 .9 .7 1.5 2.3 2.5 1.2 1.8 2.1 1.9 1.4 1.1 .7 .6 0 1.2 |
| Mean  | 635. 29   | 18. 5   | 24.1   |  | 15.3   |  | 24.6  |  | 15.1   |  | 87.9   | 13. 9  | 14.2  | 56.4   | 2.4  | 1.4   |
| Total |   |   |  |  | -  |  |   |  |  |  |  |  | -   |  | 70.6   | 42.5  |
| Day.  | Prevai<br>directi   | on d  | Wind<br>Total<br>move-<br>ment.  | Maxi-<br>mum<br>hour-<br>ly<br>veloc-  | Directic<br>at the ti<br>of the<br>maximu<br>velocit   | me nou   | (mean).   |  | uds.   | ection.  | sl   | un-<br>ine.  | ain, 24<br>nours<br>legin-<br>ning<br>a. m.   | Misco  | ellaneoi   | us.   |
| 1     | E, V W quu E, V E qua NE qua NE qua SE E, V SE Qua SE E, SS E, SS E qua E E E qua W qua NW qua NW qua SW  | ad. vd. ad. E vad. E E e dd. ad. ad.  | Km. 262.8 287 259.4 291.1 284.2 257.7 613.6 631.9 419.4 340.3 377.6 323.2 257 312.3 361.3 361.3 386.3 323.5 257.3 321.6 1204.7 244.8 267 214.7 369.2 1,749.3 801.8 389.8 | 28   | WWWWWEESESESESESESESESESESESESESESESESE  | 0-1<br>5.5<br>5.4<br>7.5<br>5.5<br>5.4<br>8.9<br>9.8<br>8.5<br>5.4<br>6.6<br>8.8<br>10<br>10   | 0. Ci., Ci., Ci., Ci., Ci., Ci., Ci., Ci.   | CiS. CiS. Cu. WN NN CiS. S. S. Cu., CiS. NWby ENE, NN S. WN S. WN S. ES CiS. CiS. S. EbyN S. ESE.  | W Cou  | Cu. N ENNNNN. SeqN. SeqN. IN. IN. IN. IN. IN. IN. IN. IN. IN. IIIN. IIN. IIN. IIN. IIN. IIN. IIN. IIN. IIN. IIN. IIN. IIN. IIN. IIN. IIN. IIN. IIN. IIN. IIN. IIII | NW NE SE SE SE SE SE SE SE SE SE SE SE SE SE   | 6 30 5 25 5 30 5 45 5 45 5 65 65 66 60 67 67 67 68 60 67 67 67 67 67 67 67 67 67 67 67 67 67                       | 2.1   8.2   1.1   8.2   1.1   8.2   1.1   8.2   1.1   8.2   1.1   8.2   1.5 | =2 a. ●  | p. p. p. p. [30] p. [3 | p.  |

<sup>\*</sup> All the mean values given in this table are deduced from six daily observations taken at 2, 6, 10 a. m. and 2, 6, 10 p. m.

\* The barometric readings of this station are not reduced to sea level.

\* Maximum of hourly observations taken from 6 a. m. to 6 p. m.

\* This element is based on hourly observations taken from a quadruple register, which gives only eight possible directions

\* The wind.

\* I hour missing.

\* 6 hours missing.

# DAILY RAINFALL AT THE STATIONS OF THE WEATHER BUREAU, JUNE, 1918.

| Station.  |                |                |                |                |                |                     | ·             | Day of      | mont         | h.            |              |            |               |               |                | _= ====        |
|---|----------------|----------------|----------------|----------------|----------------|---------------------|---------------|-------------|--------------|---------------|--------------|------------|---------------|---------------|----------------|----------------|
| Station.  | 1.             | 2.             | 3.             | 4.             | 5,             | 6.                  | 7.            | 8.          | 9.           | 10.           | 11.          | 12.        | 13.           | 14.           | 15.            | 16.            |
| T-1-  | mm.            |                | mm.            | mm.            | mm.            | mm.                 | mm.           | mm.         | mm.          | mm.           | mm.          | mm.        | mm.           | mm.           | mm.            | mm             |
| Jolo<br>Isabela, Basilan                          | 5.6            | 1.8            |                | 0.5<br>15.2    | 18.5<br>6.4    | 4.8<br>25.7         | 17.8          |             |              | '<br>         | 1.3          | ·          | 21.1<br>19    |               | 8. 7<br>19. 3  | 11. 47. 8      |
| Basilan Plantation, Isabela (Basilan)a            |                | i              |                | 15.2           | 5.3            | 9.1                 | 1             |             |              |               | 11.2         | 1          | 110           |               | 21.1           | 55.9           |
| Zamboanga   |                |                |                | 24.6           | 5.1            | 1.6                 | 5. 1          |             |              | 9.7           | .3           | 0.3        | 10. 2         | 0.6           |                | 17.            |
| Davao<br>Cotabato                                 | 6.6            | 10.4           | 3.8            | 5. 1<br>2. 3   | 27. 9<br>51. 8 | 35.6                | 5. 1          | 2           | 2.5          | 29. 2         | 4.6          |            | 4.6           | 6.4           | 9. 1           | 8.0            |
| Camp Keithley, Lanao<br>Cagayan, Misamis          |                | 4.6<br>8.9     | 14.5           | 2.8            | 14. 6<br>35    | 1. 5<br>15. 7       | 21. 1<br>30   | 8.8<br>9.4  | 1            |               | 11.4<br>1.5  | 3.5        | 17. 7<br>5. 6 | 25.9<br>1     | 4.1            | 20.8           |
| Dapitan   | 15.7           | 1              | 4.1            | 2.5            | 65.3           | 26. 9               | 9.4           | 7.4         |              |               | 5.8          |            | 17            | .8            |                |                |
| Ampayon, Butuan, Agusana<br>Butuan                |                | 6.6            | 13.5           | 6.6            | 9.2            | 9.7                 | 9.4           | 5.6         | 4.6          |               | .3           | 9.4        | 6.8           | 5.3<br>4      | 3.3            | 2.8            |
| Mambajao<br>Dumaguete                             |                |                | . 3            | 13             | 88.2           | 7.6                 |               |             | 53.1         | 5.8           |              | 4.1        |               |               |                | 46. 2          |
| Yap, Western Carolines                            | 32             | 6.6            | .5             | 6.6            | 19.3<br>4.1    | 24.7                | 1.3           | 2.8<br>4.8  | 4.6          | 14.5          | 6. 1         | 10.7       | 19.8          |               | 1.3            | 11.            |
| Tagbilaran  |                | 16. 1<br>15. 8 | 5.8            | 64.1<br>3.6    | 23. 4<br>1. 9  | .3<br>59.4          | . 6<br>19. 3  | 1.8         | 1.6          | 21.9<br>2.8   | 1.1          | 1.5        | 26.4<br>1     |               | 3.3            | 3              |
| Surigao   | 15. 2          | .3             | 13. 5          |                | 1.0            | 57.9                | 15.5          | 3.3         | 6.4          | .3            | 2.1          | 1.0        |               |               | .5             |                |
| Maasin<br>Cebu                                    | .8             | 3.3            | 16.6           | 16.6           | 39. 1          | 27. 4<br>5. 8       | 2.3           | 3.3         | 4.3          | 15<br>60.2    |              |            | 26.7          | 3.6           |                |                |
| La Carlota, Oriental Negrosa                      | 15.8           | 33             | .3             | 21.6           | 18.3           | 12.4                | 1.3           |             | 51.6         | 45            | 1            |            | .3            | 3             | 2.3            | 17. 3          |
| Iloilo<br>San Jose Buenavista                     | 3.1            | 51. 9<br>53. 6 | 1.8            | 44.9<br>5.1    | 56. 9<br>49. 8 | 22.5<br>45.8        | 5. 3          |             | 10.1         | 10.2<br>82.3  | 32           |            | 2             | 1.1           | 24.6           | 2.3            |
| Cuyo<br>Lucena, Iloiloª                           | 2.3            | 38. 3<br>29. 2 | 55.7<br>2.3    | 17.3<br>2      | 10.9<br>42.7   | 46.5<br>18.3        | 7.4           |             | 10 9         | 19.9<br>27.9  |              |            | 7.6           | .6            | 2.3            | 9.7            |
| Ormoc   | 16.6           |                | 36.8           | 82.8           | 41.6           | 11.4                |               | 4.8         | 18.3         | 2.8           | 2,3          |            | 7.6           | 2.5           | .3             | 6.             |
| Guiuan<br>Dueñas, Iloiloª                         | 21.3           | 7.1<br>11.5    | 21. 1<br>29. 4 | 13.7<br>9.7    | 3.3<br>25.4    | 2.5                 | 1             | 31.7        | 17.8<br>34.3 | 2<br>14       |              |            |               | 6.9<br>20.3   | .5             | 1.3            |
| Bitaogan, Iloilo (Railroad Iloilo                 |                | 1              |                | l              |                |                     |               | <b>-</b> ^  |              |               |              |            |               | 20.0          |                | "              |
| to Capiz) a<br>Lapus, Iloilo (Railroad Iloilo to  | 1.3            | 36. 3          | 4.8            | 24.9           | 5.8            | 1.5                 |               | 7.8         | 52.8         | 31.7          | 8.1          |            | - <b>-</b>    |               |                |                |
| Capiz) a  |                | 55. 4          | 4.6            | 39.4           | 57.6           | 30.8                |               |             | 11.7         | 19.8          |              |            | .5            |               |                |                |
| Tacloban<br>Dumarao, Capiza                       |                | 7.2<br>3.8     | .8             | 4.4<br>13.2    | 9.4            |                     | 9.4           | 44.2<br>1.8 | 5.3<br>13.2  | 80.5          | 19           | 1          | 33            | 3. 3<br>16. 5 | 20.4<br>5.1    | 3              |
| Dao, Capiza<br>Capiz                              |                | 7.9            | 1.8<br>5.4     | 2.8            | 16. 1<br>6. 3  |                     |               | 34.1        | .8           | 19.1<br>2.1   | 6.6          | 1.3        | 3<br>29.2     | .8<br>9.4     |                |                |
| Borongan  | 2.3            | 13.7           | 18.3           | 2.8            | 39.9           | 19<br>3.3           | 1.5           | 6.4         | 12.2         | 2.1           | 4.3          |            |               | 1.3           | 6.6            |                |
| Catbalogan  | 13. 7<br>12. 7 | 3.6            | 40.1<br>18     | 11.8           | 4.1<br>8.2     |                     | 1             | 24.6<br>1   | 4.9<br>15    | 1.1           | .8           |            | 11.9<br>9.7   | 3.6           | 11.9           | 13.7<br>5.1    |
| Masbate   | 12. 1          | .5             |                | 11.5           | 41.1           |                     | .3            | 3.5         |              | 8.6           | .5           | 1.3        | 30.7          | 0.0           | 11. 5          | 0. 1           |
| San Jose Estate, J. Abello D-13,<br>Mindoro a     | 17             | 28.7           | 3.6            | 23.4           | 12. 2          | 16. 7               | 21.9          | 21.1        |              |               | 27.4         |            |               |               |                |                |
| San Jose Estate, Tamaraw Plan-                    | 1.             |                |                |                |                | 1                   | j.            |             |              |               |              |            |               |               |                |                |
| tation, Mindoros<br>San Jose Estate, San Agustin, | 1.3            | 35. 6          | 5.1            | 35.8           | 4.9            | 39. 4               | 28.4          | 11. 5       | 8.9          | 13.2          | 9.6          | 2.1        |               |               | 5.3            | 9. 1           |
| Mindoro a   |                | 10.2           | 7.4            | 2.5            | 7.6            |                     | 24.6          | 2.5         |              | 16            | 16.3         | 9.6        |               |               | 3.3            |                |
| San Jose, Mindoro a                               | .3             | 34.8           | 1.5            | 14.8           | 21.1           | 31.3                | 42.1          | 6.8         |              | 20.8          | 13.7         | j          |               |               | .5             |                |
| Mindoro *   |                | 24.9           | 11.5           | 13. 2          | 12.7           | 14.2                | 32.5          | 8.7         |              | 35            | 5.4          |            |               |               |                |                |
| Batag   | 1.3            | 20.3           | 11.7<br>10.2   | 10.7           | 74.2<br>18.3   | 23.1<br>5.8         | 6.4           |             | 6.3<br>48.5  | 23. 1<br>5. 8 | 2.8          | 1.5        |               | 17.3<br>2.5   | 2.3            |                |
| Sorsogon<br>Legaspi                               | 16 8.6         | 16.2<br>59.5   | 14.8<br>29.6   | 21. 1<br>11. 4 | 12.7<br>12     |                     | 45. 5         | 8.1         |              | 3.8<br>31.8   | 1.3          |            | 15<br>6.4     | 8.6<br>2.5    |                |                |
| San Miguel Estate, San Miguel                     | 0.0            | 1              | i              | İ              |                |                     |               | .0          |              |               | 1.0          |            | 0.4           | 2.5           |                |                |
| Island, Tabaco, Albay * b<br>Sumay, Guam          | 6, 4           | 28. 7<br>5. 1  | 18.3<br>6.4    | 23.6<br>3.8    | 3.6<br>7.1     |                     | 14.5          |             | 3            | 6.4           |              | 2.5        | 1<br>27. 2    | 1.5           |                |                |
| Calapan   | 30.7           | 6.9            | 2              | .3             | 41.9           | 3.8                 | 13. 2         |             |              | 1.8           | 32.2         | 22.1       | 23.4          |               | ·<br>          |                |
| Virac<br>Naga                                     |                | 9.2<br>12.7    | 29<br>16       | 19<br>4.6      | 13. 2<br>21. 4 |                     | 2             | 14. 9       | .8<br>4.3    | 6.9           | .8           |            | 30. 2         | . 5           | .8<br>3.8      | 2.8            |
| Tigaon  |                | 9.1            | 5.8            | 2. 5           | 1              | .3                  | 20. 1         |             | .3           | 8.1           | .1           | 1.3        | 2             |               | .5             |                |
| Batangas<br>Lucena                                | 5.6            | 35.1<br>.5     |                | 1.5            | 19.6<br>12     | 6.6                 | 21. 1<br>4. 5 |             | .8           | 5.8<br>5.1    | 5.8<br>9.1   |            | 3. 3          |               | 1.5            |                |
| Atimonan  |                | 6.3            |                | 10.1           | 9.4            | 5.9                 |               | 6.6         | .8           | 2.6           | .8           |            |               |               | 28.4           |                |
| Ambulong, Tanauan<br>Canlubang, Calamba           |                |                | 2.5            |                | 9.9<br>10.2    | 5.6                 | 2             | .5          | 2.3          | 6.6<br>37.4   | 1.8<br>1.5   | 2.8        | 17.2          | 19.6          | 2.3<br>8.6     |                |
| Paracale<br>Santa Cruz, Laguna                    | 1.3            | 37.4           | 26.7           | 2 2            |                | 2.1                 |               | 12.2        |              | .5            | .5           | .5         | 25.6          |               | 3.3            |                |
| Fort Mills, Corregidor • c                        |                | 10.7           | 18.3           |                | 1.1<br>2       | 7.2                 | 11. 9         | 3.8         | 3.5          | 6.9<br>27.4   | 8.4<br>10.2  | 5.9        | .5            |               | .3<br>7.4      |                |
| Manila<br>Antipolo                                |                | 11.9<br>11.9   | 17.3           |                | 9.4<br>19.8    | 17.8<br>35.8        | . 3           | 11.5        |              | 5.3<br>3.6    | 2.3          | 8.7        | 7.9           | .6            |                |                |
| Bosoboso, Rizal a                                 |                | 11. 9          |                |                | 1.8            | 10.9                |               | 6.9         | 1.8          | 24.9          | 5.6<br>27.2  | 13.5       | 3.8           | .8            |                | 1.3            |
| Montalban, Rizala<br>Hacienda Pintong Sapang, San | 1.5            |                |                | 3.3            |                | 20.3                | 9.1           | .8          | 22. 9        | 2.3           | 6.4          | 33         | 3             | 22.4          | 8.9            | 10. 7          |
| Jose, Bulacana                                    | .5             |                | 9.4            |                | 6.6            | 5.8                 |               | 4.6         | 26.9         | 11.4          | 10. 2        | 7.6        | 2             |               | 4.1            |                |
| Mabayuan Dam, Olongapo, Zam-<br>bales •           |                | 50.8           | 8.9            | .5             | 2.5            | 25.4                | 13.2          | 13.2        | 8.1          | 13.2          | 32           | 4.6        | 6.4           | 17            |                | 1              |
| ba  |                | 1.8            | 33.8           | .8             | 1              | 1.6                 | .3            | 4           | 1.7          | 3.3           | 13.5         | 8.6        | 3.6           |               | 2.3            | i              |
| San Isidro<br>Hacienda Luisita, Comillas, Tar-    |                |                |                |                | 4.1            | 4.1                 | 17            | 1           |              | 1             | 3            | .3         | 3.6           | .8            |                |                |
| lacs<br>Hacienda Luisita, San Miguel,             |                |                |                |                |                |                     | 57.6          |             | 1.3          | 1.5           | 7.4          |            |               |               | 19.6           |                |
| Tarlac a  |                |                |                |                | 12.7           | 10.4                | 10.9          |             |              | .3            |              |            |               | .3            | 4.3            |                |
| Carlac  |                | 7.6<br>4.8     | 2<br>27. 2     | 7. 9           | 9.1<br>4.8     | 11.2<br>9.2         | 16<br>42.9    | .3<br>17.1  |              |               | 2.3          | 3          | 7.4           |               |                | 13.7           |
| aniqui, Tarlaca                                   |                | 18.5           | 13             | 11.2           | 29.5           | 6.4                 | 21.6          | .5          |              | 4.6           | 1.3          | .5         | 1.4           |               |                | 22. 1          |
| C. L. A. S. Muñoz, Nueva Ecija a Dagupan          | 10. 4          | 1              | 1.8            | 5.3            | 9.1            | 1<br>20.6           |               | 1.5<br>1.8  | 8. 1         | 6. 1          | 16.5<br>36.8 | 3.3        | .5            |               | 20.8<br>12.7   | 53. 8          |
| anto Tomas Mt Mountain                            | _0. 4          |                |                | 5.0            |                |                     |               |             |              |               |              |            | . 0           |               |                |                |
| Province a  | 8.6            |                | 5.3            | 54. 6          | 1              | 4.6<br>24.9         | 2.3           | 1.5<br>20.1 |              |               | 1.3<br>4.8   | 1.3<br>8.1 | 1.5           | 50.8          | 27.4<br>22.9   | 25. 4<br>23. 6 |
| Baguio<br>San Fernando, Union                     |                |                | 2.1            | 8.2            | 1.1            | 37.1                |               | 1.3         | 1.5          | 5. 1          | 8.2          | 3.3        | 20. 9         | .3            | 10.7           | 8              |
| Chague  |                | 2.4            |                | 51.3           | .8             | 3                   | .3            |             | 16.5         | . 5           | 43.2         | 3.8        | 11.7          |               | <b>6.7 4.8</b> | 7.8            |
| agada, Mountain Province                          |                |                |                | 7.6            | 3              | 5.6                 |               |             |              | 5. 1          | 3            | 6.1        | 23.6          | 13. 2         | 15.5           | 22.6           |
| Sontoc, Mountain Province                         | 4.1            | 9.1<br>10.2    | 4.3            |                | 13<br>4.8      | 8.9<br><b>60</b> .8 | 59.7          | 2.8<br>1.3  |              | . 5           | 1.5<br>22.9  |            | 20.3<br>41.4  | 1.3<br>5.3    | 6.1<br>26.7    | 14.7<br>5.8    |
| Villavieja, Pilar, Abras<br>Vigan                 | 34.8<br>6 1    | <b>3.</b> 3    | 1.8            | .5             | 7.6            | 13. 5               | 27.9          | 6.4         | 1.3          | 19            | 7.6          | 41.9       | 26.7          | 5.1           | 8.1            | .8             |
| uguegarao   |                |                | 6.3            |                | .1             | 47                  | 54.6          | 1.3         | .1           |               | 43.6         | .6         | 24            | 10. 1         | 4.1            | 16             |
| a Paz, Abra .                                     | 48             |                |                | 37.6           | 4.1            | 29.2                | 9.4           | 49.3        | 14.7         |               | 21.6         | 9.4        | 9.9           | 3.6           | 34             | 6.4            |
| parri   |                |                |                |                |                | 5.4                 | 2.8           | 8.1         | 6.1          |               | 56.4<br>.8   | 2.5        | 26.4<br>44.7  | 6.1           | 66             | 46. 5<br>13. 5 |
| ape Bojeadoranto Domingo, Batanes                 |                |                |                |                |                |                     |               |             |              |               | 12. 2        | 16         | 15            |               | 35, 6          | 4. 6           |
| ento pominico derenes                             |                | . 8            | 4.4            |                |                |                     |               |             | .7           |               |              |            | 8.1           | .1            |                |                |

<sup>\*</sup> No observation. . \* Voluntary or cooperative station. \* Rain in 24 hours beginning 8 a. m. \* Rain in 24 hours beginning 7 a. m

# Daily rainfall at the stations of the Weather Bureau, June, 1918-Continued.

| Station.   |      |                      |               |                | ,             |               | Da                 | y of m       | ionth.       | _              |                  |                 |                   | THE RESERVE TO SERVE THE PARTY OF THE PARTY |                           |
|--|------|----------------------|---------------|----------------|---------------|---------------|--------------------|--------------|--------------|----------------|------------------|-----------------|-------------------|---|---------------------------|
|  | 17.  | 18.                  | 19.           | 20.            | 21.           | 22.           | 23.                | 24.          | 25.          | 26.            | 27.              | 28.             | 29.               | 30.   | Tota                      |
|  | mm.  | mm.                  | ,m.           | mm.            |               | mm.           |                    |              | mm.          | mm.            | mm.              |                 | mm.               | mm.   | mm.                       |
| Jolosabela, Basilan  |      | 6. 1<br>9. 4         | 0.5           | 18.3<br>32     | 1 .5          |               | 31.8<br>32.5       | 2.8<br>2.3   | 8.4<br>2.3   | 13. 2          | 2                | 4.8             |                   |   | 158.<br>239.              |
| Basilan Plantation, Isabela (Basilan)a.                                      |      | 8.6                  |               | 22.9           |               |               |                    | 3. 0         | 4.8          | 10.7           |                  | 5.1             |                   |   | 335.                      |
| Zamboanga<br>Davao   |      |                      |               | .3             |               |               | 1<br>2.8           | 7.2          | .3           | 14.2           | 3                | .8              |                   |   | 136.                      |
| Cotabato   | 8.9  | 11.4                 |               | 21.6           |               | 39. 6<br>6. 4 | 4.3                | 13.2         | 12. 2        | 5.8<br>78.3    | 131.1            | 21. 1           |                   | 6.6   | 190.<br>444.              |
| Camp Keithley, Lanao   | 10.8 | 46.9                 | 16            | 1.5            | .5            | 19.1          | 5.8                | 22.8         | 4.6          | 9.4            | 46.9             | 6.9             | 0.3               | 2.4   | 348.                      |
| Cagayan, Misamis   | 1.5  | 45. 2<br>2           |               |                | 2.8           | 50.8          | $\frac{2.3}{34}$   | 4.3<br>9.1   | 30.4         | 16. 5<br>115   | 1.8<br>34        | 8.6             | 2                 | . 5   | 244.<br>394               |
| Ampayon, Butuan, Agusana   | 10.2 |                      |               |                |               | 9. 1          | 10.2               | . 3          | 1.3          | 10.20          | ·                |                 | 1.5               |   | 63.                       |
| Butuan<br>Mambajao   |      | 15. 2<br>49          | .8            | 1.3            |               | 16<br>. 5     | .3                 | . 8<br>15. 7 |              |                | 4. 1<br>13. 2    | 3.6             | 8.6               | .3  | 164.<br>319.              |
| Dumagnete  | 10   |                      |               | 24.6           | ,             |               |                    |              |              | 20.9           | 18.3             | 21.9            | 16.3              |   | 181                       |
| Yap, Western Carolines<br>Tagbilaran   | 4.6  | 2.8<br>23.6          | 3.8           | .8             | 2. 8<br>18. 3 | . 4           | 21.6               | 20.1         | 8.9          | 2.3            | 20.9             | 6.4             | 8.9               | 16  | 215.<br>230.              |
| wahig  |      |                      |               |                | 30. 2         | 11.5          | 1.5                | 3.3          | 4.1          | 14.5           | 86.1             | 40.4            | 11.9              |   | 319.                      |
| Surigao<br>Maasin  | 38 1 | 8. <b>4</b><br>10. 2 | 1.8           |                | 7.3           |               |                    | 3.8<br>64    | 8.1          | 41.4           | 9. 6<br>21. 3    | 1.8             |                   |   | 181.<br>227               |
| Cebu   | 13   | .3                   | 4.1           | 7.9            | 37.8          | 20.4          | 3.6                |              | 1.3          | 13.7           | 12.5             |                 | 5.8               |   | 303                       |
| La Carlota, Oriental Negrosa   | .5   | 5.3                  |               | 1.3            | 6.9           | 4.3           | 26.7               | 2.3          | 5.4          |                | 72.2             | 12.2            |                   |   | 404.<br>406.              |
| San Jose Buenavista<br>Cuyo  | 1.0  | 5.8<br>19.6          | .3            | 60. 7<br>11. 7 | 11.5<br>18.5  | 3<br>2. 5     | 8.4                | 1.3<br>34.8  | 24.4         | 14. 7<br>33. 6 | 28.9<br>27.7     | 26.8<br>4.9     | 39.1<br>5.4       | 4.9<br>2.6  | 503.                      |
| Cuyo<br>Lucena, Iloiloª  | 6.6  | 4.9                  | 1.3           |                | 1.5           | . 5           | 5.6                | 25.4         | 56.6         | 20.8           | 9.1              | 9.7             | 12.7              |   | 35 <b>6</b> .             |
| Ormoc  | 30   | 7.9<br>2.8           | 3.3           | 16<br>1.8      | 2.5           | 1.5<br>9.1    |                    | 1.8          | 4.3          | 7.4<br>102.4   | 50. 1<br>17      | 6.1             |                   | 5.3   | 310.:<br>388.             |
| Guiuan   |      | 5.3                  | 1.8           | 53.1           | 50.3          |               | 4.1                |              | 17.2         | 31.2           | .8               | .5              |                   |   | 292                       |
| Dueñas, Iloilo a   | 5.1  | 5.1                  | 2.3           | .8             | 5             | ZZ. 8         |                    | 50.8         | 1.8          | 6.9            | 41.7             | 5.6             | 1.5               |   | 303.                      |
| Capiz) a   |      |                      | 6.1           | 10.4           | 11.2          | 17            |                    | 1.3          | 1.3          | 8.4            | 40.1             | 3.3             | 1.3               |   | 292.                      |
| apus, Iloilo (Railroad Iloilo to Capiz) a<br>Sacloban                        |      | 3<br>7.2             | 16.3<br>3.8   | 70.6<br>17.4   | 22.4          | 4.3           | .8<br>.5           | 20.6         | 5.8          | 18.5<br>49.6   | 22.1<br>43       | 11.9            | 31.2              | 3   | 428<br>252.               |
| Oumarao, Capiza  | 13.5 | 5.3                  | 0.0           | 18.3           | 3             | 9. 1          |                    |              |              | 8.4            | 39.9             | 2.8             |                   |   | 298.                      |
| Dao, Capiza  |      | 2.5<br>2.5           | . 6           | 11.2           | 52.1<br>3.6   | 2.3           |                    |              | 2.8          | 17.8<br>3.1    | 24.1<br>20.1     |                 |                   |   | 216.<br>161.              |
| Borongan   | 6.4  | 6.9                  | 1.8           | 1. 9<br>25. 4  | 10.2          |               |                    |              | 7.9          | 52.5           | 17.5             |                 |                   |   | 231.                      |
| Catbalogan   | 4    | 4.6                  | 2.5           | 5.3            | 6.7           | 2.8           | 2                  | 5.9          | 34.3         | 142.5          | 80.3             | 10.2            |                   |   | 418                       |
| Calbayog   |      | 27.7                 | 5. 1          | .3             | 5.3           | 13.7          |                    | 6.1          | 17.8<br>22.3 | 114.7<br>71.6  | 119. 9<br>170. 1 |                 | 1.5               |   | 421.<br>382.              |
| San Jose Estate, J. Abello D-13, Min-  |      |                      |               |                |               |               |                    |              |              |                |                  | 1               |                   |   |                           |
| doro a<br>San Jose Estate, Tamaraw Plantation,                               |      | 16. 2                | 3.6           |                |               |               |                    |              | 9.1          | 49.3           | 92               | 94.2            | 26.6              | 10.4  | 473.                      |
| Mindoro a  | 8.9  |                      |               |                | 5.3           |               |                    | 1.5          | 3            | 49.6           | 105.1            | 42.6            | 18.8              | 15.7  | 460.                      |
| San Jose Estate, San Agustin, Min-<br>doro a                                 | i    |                      | 6.4           | 7.4            | 5             |               |                    | 8.1          | 9.7          | 97. 2          | 179 1            | 35.6            | 18. 1             | 21.6  | 534                       |
| San Jose, Mindoro a  | 2. 5 | 5.8                  | 0.4           | 1.4            |               |               |                    |              |              |                | 181.1            | 35              | 20.8              | 26.7  | 546.                      |
| San Jose Estate, Tunnel D-12, Min-   | 0 1  | 6.1                  |               |                |               | 1             |                    | 7.0          | 9.0          | 16             | 225.8            | 50.8            | 30, 2             | 30  | 531.                      |
| doro a<br>Romblon  |      | 2                    | 25.4          | 12.2           | 5.1           |               | .3                 | 7.9          | 3.8          | 7.9            | 50.1             | 12.8            | 21.6              | 30.3  | 339.                      |
| Batag  |      | 1.5                  |               | 5.3            | 10.7          |               |                    |              |              | 148.5          | 64.7             | 5. 1            |                   | 107 16  | 388.6                     |
| Sorsogon<br>Legaspi  |      | 6. 1                 | 10.7<br>2.3   | 2.3<br>10.4    |               |               |                    |              | 12.4<br>.3   | 52. 2<br>97. 6 | 125. 9           | 74.5            | 14.3              | 167. 1 f<br>12. 7   | 418.7<br>509.8            |
| San Miguel Estate, San Miguel Is-  |      |                      |               |                |               |               |                    |              |              |                |                  | 10              |                   |   | 940                       |
| land, Tabaco, Albayab<br>Sumay, Guam   | . 16 | 2                    | 5.8           | 20.6           | .3            | 1.3<br>16.5   | 36.9               | 23.4         | 5.6          |                | 101.6<br>5.6     | 19              | 3.6               | 10.7  | 346.0<br>177.2            |
| Calapan  |      |                      | 8. 9          | 14.8           | 18.3          | 2.5           |                    |              |              | 7.9            | 15.8             | 62.7            | 12.2              | 2.3   | 336.                      |
| Virac<br>Vaga  |      | 1.8                  | 20. 2         | 15. 2          | 2.6           | 3             |                    | 15.7         | 9.1          | 102.5          | 178. 9<br>87. 3  | 60.8<br>72.6    | 7.1               | . 5   | 459. 4<br>430. 6          |
| ligaon   | 3.6  | 2.5                  | 3             | 4.3            |               |               |                    |              | 7.9          | 106.7          | 313.7            | 187.2           | 1.8               | .5  | 682.                      |
| Batangas   |      | 2.8<br>2.5           | 2.5           |                | 1.3           |               |                    |              |              |                | 56. 7<br>33      | 160.5<br>112.3  | 18.5?<br>29.2     | *   | 357. 244. 2               |
| Atimonan   |      | 2.8                  |               |                | 9.9           | 9.6           |                    | 1            |              | 27.7           | 50.6             | 109.3           | 16.1              |   | 299.                      |
| Ambulong, Tanauan  |      | 1.8                  |               | 2 2            | 11.7          |               |                    |              |              | 2.8            | 18.8<br>19       | 216.2<br>67.6   | 34.9<br>58.7      | 1.5<br>1.8  | 320. <sup>4</sup><br>260. |
| Canlubang, Calamba<br>Paracale   | 7.4  |                      | 13. 5         | 11.7           | . 5           |               | 2.5                |              |              | 84.4           | 119.8            | 62.3            | 1.6               |   | 415.                      |
| Santa Cruz, Laguna   | 1    | 1.8                  | .5            | 4. 1           | .8            |               | 1.5                |              |              | 9.9            | 32.7             | 115.6           | 63.5              | .5  | 289.                      |
| Fort Mills, Corregidor a c   | 9.7  |                      |               |                | . 5           | .3            | $\frac{2}{4.2}$    | 26. 7        |              | 3.8<br>8.2     | 52.6<br>7.4      | 351. 8<br>35. 6 | 44. 4<br>88. 4    | 11. 7<br>12. 3  | 573.<br>224.              |
| Antipolo   |      |                      |               |                | .8            | 2.3           |                    |              |              | 17.8           | 27.4             | 171.2           | 73.6              | 4.6   | 414.                      |
| Bosoboso, Rizal a<br>Montalban, Rizal a                                      |      |                      |               | . 5            | 2             | .8<br>.5      | 1.5                | 3.6          | 2            | 10.2           | 13.5<br>15.7     | 51.6<br>16.5    | 50.8<br>71.6      | 136. 9  | 213. 3<br>392.            |
| Hacienda Pintong Sapang, San Jose,   | i    |                      |               |                |               |               |                    |              | -            |                | 20.1             |                 |                   | 1   |                           |
| Bulacana<br>Mabayuan Dam, Olongapo, Zambalesa                                |      | 3.8                  |               |                | 1.5           | 7.9<br>3.8    | $\frac{1}{4.6}$    | 35.6<br>8.4  | 1.1          | 19.8<br>2.5    | 17 9             | 43.7<br>111.3   | 87.9<br>252.5     | 12. 4<br>53. 6  | 311.<br>713.              |
| ba   |      | 3.8                  |               | 8              |               | 25. 9         | 26. 7              | 48.8         |              | 6.1            | 10.7             | 99              | 194.8             | 26  | 548.                      |
| San Isidro   |      |                      |               |                |               | 20.8          | 14                 |              |              | 40.4           | 7.7              | 23              | 106, 6<br>124, 5h | 46.9  | 294.                      |
| Hacienda Luisita, Comillas, Tarlaca<br>Hacienda Luisita, San Miguel, Tarlaca |      | 1.5                  |               |                |               |               | $\frac{27.9}{2.5}$ |              |              | 2.5            | 4.3<br>5.1       | 20. 1           |                   | 12. 4   | 247.1<br>174.             |
| Tarlac   | !    | 3.8                  |               |                |               |               |                    | . 5          | 2.5          | 5. 1           | 8.4              | 24.1            | 53.3              | 8.4   | 166                       |
| Baler<br>Paniqui, Tarlaca  |      | .3                   | 2.3<br>26.2   | 6.6            | 10. 2         |               | 17.8               | 24.1         | 13.5         | 3<br>1.3       | 6. 1<br>5. 6     | 14. 5<br>8. 6   | 17.8<br>95.8      | 4.1<br>21.3   | 183.<br>401.              |
| C. L. A. S. Muñoz, Nueva Ecija a   | 2.3. |                      |               |                |               |               | 1                  | 6.6          | 4.1          | 11.7           | 10.2             | 101.4           | 25.9              |   | 229.                      |
| Dagupan<br>Santo Tomas Mt., Mountain Province a                              |      | 4.1                  | 20.8<br>279.4 | 3.8<br>228.6   | 6.4<br>30.5   | 1             | 2. 5<br>25. 9      | 7.6<br>26.2  | 4.3<br>2.3   |                | 11.2             | 43.2            | 108.8             | 10<br>48.3  | 391.<br>792.              |
| Bolinao  | 11.4 | 1.5                  |               | 57.2           | 7.4           |               | 21.1               | 3.3          |              | . 8            | 7.6              | .3              | 106.7             | 20.3  | 412.                      |
| Baguio<br>Ban Fernando, Union  |      | 47.2                 | 2.3           | 7.2            |               | 13.7          | 8.8<br>1.8         | 5.8          | 3<br>1       | 5              | 22.9             | 29.3            | 496.6<br>112.3    | $\frac{1.3}{32}$  | 734.<br>344.              |
| Cchagüe  | .8   | 6. 1                 |               |                |               |               | 1.0                | .8           |              | 2.5            | 23. 2            | 2.6             | 7.9               |   | 63.                       |
| Sagada, Mountain Provincea   | 17.5 | 5.8                  | 20.8          |                |               | 30            | 10                 | 25.6         |              | 83.6           | 245.1            | 55.9            | 128.5             | 2   | 734.                      |
| Bontoc, Mountain Province a  |      | '                    | 16<br>7.9     | 1              | 2.3           | 2.8           |                    | 10.9         | 13.7         | 2              | 6.6<br>54.6      | 11.2<br>10.4    | 181.6             | 12.7  | 407.<br>519.              |
| Villavieja, Pilar, Abraa   | 1    | 8.9                  | .3            | 25.7           | 1.6           |               | 23.9               | 1.3          | 2.3          |                | 1.8              | 4.1             | 339. 1            | 8.6   | 624.                      |
| Vigan<br>Cuguegarao  | 19 6 | 20.3                 | 4.5           | 29. 2          | 1.1<br>2      | 2             | 5. 1               | 38.4         |              |                |                  |                 | 245.3<br>52.1     | 35. 1   | 579.<br>167.              |
| La Paz, Abra¤  | 59.4 | 14.2                 |               |                | 25.4          | 13.5          |                    | 5.8          | 6.4          |                |                  | . 5             | 257.8             | 6.4   | 738.                      |
| Laoag<br>Aparri  | 4.8  | 4. 1                 | 4.8           | 52.3           | 10.9          |               | . 8                |              |              | 10             | .3<br>48         |                 | 334.8<br>167.8    | 9. 9  | 708.:<br>351              |
| Cane Bojeador  | i .  |                      | l .           |                | 1             | 4.8           |                    | 33.5         | .8           |                | 8.1              | 22.4            | 119.1             |   | 272.                      |
| Santo Domingo, Batanes   | 5    |                      |               |                |               |               |                    | 1            | 1            | 2.3            | 13               | 31.8            | 88.7              | .5  | 150.                      |

<sup>\*</sup> No observation.

<sup>&</sup>lt;sup>a</sup> Voluntary or coöperative station.

<sup>&</sup>lt;sup>b</sup> Rain in 24 hours beginning 8 a. m.

Rain in 24 hours beginning 7 a. m.

 $<sup>^{\</sup>rm d}$  Amount of rainfall corresponding to 26 and 27.

e 18 days of observation.

Amount of rainfall from 27 to 30.

g 29 days of observation.

h Amount of rainfall corresponding to 29 and 30.

# METEOROLOGICAL BULLETIN.

# MAXIMUM AND MINIMUM TEMPERATURES AT THE STATIONS OF THE WEATHER BUREAU, JUNE, 1918.

|            | Jo   | olo.   | Isal<br>Bas  | bela,<br>ilan.  | Zamb   | oanga.   | Da  | v <b>a</b> o.  | Cota  | bato.  | Camp<br>ley, I   | Keith-<br>anao.  |  | ayan,<br>amis.  | Dap  | itan.  |
|------------|--|--|--|---|--|--|---|--|---|--|--|--|--|---|--|--|
| Day.       | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Min<br>mun   |
|            | °C.  | °C.  | •c.  | °C.   | °C.  | °C.  | °C.   | °C.  | °C.   | °C.  | °C.  | °C.  | °C.  | °C.   | °C.  | °c   |
|            | 30.5   | 23.4   | 31.6   | 22.1  | 31.2   | 23. 1  | 30.9  | 21.9   | 30.7  | 22.5<br>22.6   | 27.3   | 19   | 31.6   | 21.6  | 33.8   | 22.8   |
| ·          | 30.7   | 23.8   | 32.7   | 22.3  | 29.5   | 23.5   | 29.5  | 21.3   | 30.4  | 22.6   | 27.1   | 19.6   | 31.8   | 22.4  | 32.1   | 22   |
| ·          | 30.7   | 23.7   | 30.1   | 22.5  | 29.5   | 23.4   | 29.7  | 21.1   | 30  | 22.4   | 27.3   | 18.6   | 31.8   | 22.6  | 31.8   | 23. 2<br>22  |
| <b></b>    | 30.9   | 23   | 31.6   | 21.1  | 28.9   | 22.6   | 29.2  | 21   | 27. 9   | 22.7   | 25.3   | 19.5   | 31.3   | 22. 2<br>22   | 32.3   | 22.  |
|            | 29.9   | 24.3   | 29.3   | 22.6  | 30.5   | 22.5   | 29.9  | 21.8   | 29  | 23.1   | 25.3   | 20.5   | 32.2   | 22.2  | 31.7   | 21.  |
|            | 30.6   | 23   | 31.3   | 21.1  | 28.7   | 22.5   | 29.9  | 21   | 31  | 21.6   | 26. 4<br>27. 1   | 19.6   | 31.3   | 22.2  | 31. 1<br>32. 8   | 22.  |
|            | 26.5   | 22.7   | 32.1   | 22.6  | 29.3   | 22.8   | 29.7  | 21.5   | 30.4  | 22.6   |  | 20   | 31.8   | 21.5  | 32.2   | 22.  |
|            | 30.1   | 21.5   | 32.7   | 22.6  | 29.2   | 22.1   | 30.5  | 21   | 31  | 23<br>23   | 26. 8<br>25. 8   | 18.6   | 31. 1<br>28. 9   | 22.1  | 30.1   | 22.  |
|            | 30.7   | 22.1   | 31.1   | 21.1  | 29.3   | 22.2<br>22.4   | 27. 2<br>30. 7  | 21.8<br>21.5   | 28<br>31  | 22.7   | 27.6   | 18.9<br>17.7   | 31.8   | 20. 7   | 31. 2  | 22.  |
|            | 30.6   | 22.5<br>22.8   | 34. 1<br>32. 1   | 23.1<br>22.6  | 28. 2<br>28. 5   | 23. 4  | 30. 2   | 21.8   | 30.6  | 22. 4  | 27.1   | 19   | 31.3   | 22  | 31.5   | 21.  |
|            | 31.1   | 23.5   | 34.6   | 22.5  | 28.7   | 23. 5  | 30. 3   | 21.5   | 32.3  | 22.4   | 27 3   | 18.5   | 32.2   | 21.5  | 32.5   | 22   |
|            |  | 23.5   | 32.6   | 22. 2   | 29.8   | 24   | 30.3  | 21.6   | 31.5  | 22. 7  | 27.3<br>27.3   | 18.5   | 31.4   | 21.5  | 33.5   | 22.  |
|            | 31.5   | 23.9   | 32. 9  | 22.6  | 31   | 22.5   | 28  | 22   | 31.5  | 22.6   | 27.5   | 19   | 30.5   | 22.8  | 32. 2  | 23   |
|            | 29.9   | 23.6   | 34.1   | 22. 1   | 29   | 23.5   | 30.2  | 22   | 31.2  | 23   | 27.5<br>27.3   | 18.5   | 31.2   | 22  | 32. 1  | 23.  |
|            | 30.2   | 21.9   | 32.5   | 22.1  | 28.6   | 22. 9  | 30. 5   | 21.8   | 31.5  | 23. 2  | 27.3   | 19.5   | 31.8   | 21.6  | 32. 4  | 22.  |
|            |  | 23.2   | 32.1   | 21. 1   | 29.7   | 21.8   | 30.0  | 21.5   | 31.2  | 23.5   | 27.3   | 18. 9  | 31. 5  | 21.5  | 32.6   | 22.  |
| ••         | 30.  | 22. 1  | 31.3   | 21. 6   | 28.5   | 22.5   | 30.9  | 21.5   | 31.1  | 21.9   | 26. 9  | 18.4   | 31.7   | 22.4  | 31   | 23.  |
|            | 30.8   | 22.1   | 33.9   | 22.1  | 31.1   | 23.5   | 29.7  | 21.6   | 30.6  | 21.7   | 26. 4  | 18.8   | 31. 2  | 21. 2   | 32.6   | 22.  |
| •          | 30.0   | 22.3   | 32. 1  | 21.7  | 29. 5  | 23.3   | 30.8  | 21   | 31.6  | 22.6   | 27.8   | 18.4   | 31.5   | 21.6  | 33.5   | 23.  |
|            | 30.3   | 22. 2  | 32. 3  | 22.6  | 28.6   | 23.8   | 30.2  | 21.6   | 31  | 22.6   | 27. 3  | 18. 4  | 32   | 21.9  | 31.6   | 25.  |
|            | 30.8   | 22.8   | 31.6   | 22. 1   | 28.7   | 23   | 30.6  | 21. 4  | 31  | 23.6   | 26. 9  | 19.1   | 31. 2  | 22.6  | 31   | 22.  |
|            | 30.4   | 23.3   | 30.5   | 21.7  | 28.5   | 23.3   | 30.2  | 21.5   | 30.8  | 22. 9  | 27.8   | 19   | 31.5   | 21.2  | 32.7   | 22.  |
|            | 26.9   | 23   | 29.1   | 21.1  | 28.5   | 22. 4  | 29.9  | 21.6   | 29.5  | 22.7   | 26. 3  | 18.3   | 30.8   | 21.8  | 31. 1  | 23.  |
|            | 29   | 23   | 30.1   | 22.6  | 29.8   | 22.7   | 28.6  | 20.8   | 29. 7   | 22.1   | 26.8   | 18.9   | 29.5   | 22.3  | 29. 1  | 23.  |
|            | 30.9   | 22.1   | 30.6   | 21. 1   | 29.6   | 24.1   | 29. 3   | 21.4   | 28.3  | 22.4   | 24   | 18.8   | 25. 6  | 22.2  | 25.6   | 22   |
|            |  | 25. 5  | 31. 1  | 22.6  | 29.6   | 23.5   | 28.6  | 21.5   | 28.5  | 22   | 22.6   | 19.7   | 28   | 21. 9   | 27.1   | 21.  |
|            |  | 24   | 30.1   | 24.1  | 29.5   | 23.2   | 30. 2   | 22.6   | 26.5  | 21.6   | 22.8   | 19. 1  | 29.2   | 22.8  | 29. 2  | 23   |
|            | 31.5   | 26.4   | 32. 1  | 25.1  | 29.4   | 26   | 30.8  | 22.8   | 31.5  | 23   | 25. 5  | 20.7   | 32.8   | 23.5  | 31.9   | 22.  |
|            | 31. 9  | 26. 1  | 33.1   | 22.6  | 29.8   | 24   | 30. 4   | 22.2   | 29.8  | 22.6   | 26.5   | 21.1   | 33.6   | 23  | 32.2   | 23   |
| Mean       | 30.2   | 23. 2  | 31.8   | 22.2  | 29. 4  | 23. 1  | 29. 9   | 21.6   | 30. 3   | 22.6   | 26. 5  | 19. 1  | 31.1   | 22  | 31. 5  | 22.  |
|            |  |  | 1  |   | 1  |  |   |  | 1   |  | i .  |  | l  |   | 1  |  |
|            | But  | uan.   | Mam  | b <b>aja</b> o.   | Dums   | guete.   | Yap, V<br>Caro  | Vestern<br>lines.  | Tagb  | ilaran.  | Iwa  | thig.  | Sur  | igao.   | Ma   | asin.  |
| Day.       | Maxi-  | Mini-  | Maxi-  | Mini-   | Maxi-  | Mini-  | Caro<br>Maxi-   | lines.<br>Mini-  | Maxi-   | Mini-  | Maxi-  | <b>M</b> ini-  | Maxi-  | Mini-   | Maxi-  | Min  |
| Day.       | ļ  | · · ·  | Maxi-  |   |  | Mini-  | Caro  | lines.   | lago  | 1  |  | <b>M</b> ini-  |  | Mini-   |  |  |
| <u>·</u>   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-  | Mini-  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.<br>°C.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Min<br>mui   |
| ·········· | Maxi-<br>mum.<br>°C.<br>28   | Minimum.   | Maximum.   | Mini-<br>mum.<br>°C.<br>23.3  | Maxi-<br>mum.  | Mini-<br>mum.  | Maximum.  | Mini-<br>mum.<br>°C.<br>23.4   | Maximum.  | Minimum.   | Maximum.   | Mini-<br>mum.<br>°C.<br>20.7   | Maximum.   | Mini-<br>mum.<br>°C.<br>22,8  | Maximum.   | Mir<br>mur   |
|            | Maxi-<br>mum.<br>°C.<br>28<br>31.7   | Mini-<br>mum.<br>°C.<br>21. 9  | Maxi-<br>mum.<br>°C.<br>29.6<br>29.2   | Mini-<br>mum.<br>°C.<br>23.3<br>22.8  | Maxi-<br>mum.<br>°C.   | Minimum.   | Maxi-<br>mum.<br>°C.<br>26.4<br>31.7  | Mini-<br>mum.<br>°C.<br>23.4   | Maxi-<br>mum.<br>°C.<br>31.5  | Mini-<br>mum.<br>°C.<br>22.8<br>23   | Maxi-<br>mum.<br>°C<br>32. 2<br>32. 7  | Mini-<br>mum.<br>°C.<br>20.7<br>20.8   | Maxi-<br>mum.<br>°C.<br>30<br>28.8   | Mini-<br>mum.<br>°C.<br>22.8  | Maxi-<br>mum.<br>°C.<br>33.6   | Min mu   |
|            | Maxi-<br>mum.<br>°C.<br>28<br>31.7<br>32.8   | Mini-<br>mum.<br>°C.<br>21. 9<br>23<br>22. 4   | Maxi-<br>mum.<br>°C.<br>29.6<br>29.2<br>30.1   | Mini-<br>mum.<br>°C.<br>23.3<br>22.8<br>22.6  | Maxi-<br>mum.<br>°C.<br>29.6   | Mini-<br>mum.<br>°C.   | Maxi-<br>mum.<br>*C.<br>26.4<br>31.7<br>31.2  | Mini-<br>mum.<br>*C.<br>23. 4<br>24<br>24. 5   | Maximum.  *C. 31.5 30.6 30.6  | Mini-<br>mum.<br>°C.<br>22. 8<br>23<br>22. 6   | Maxi-<br>mum.<br>°C<br>32. 2<br>32. 7<br>31. 7   | Mini-<br>mum.<br>°C.<br>20.7<br>20.8<br>19.8   | Maxi-<br>mum.<br>°C.<br>30<br>28.8<br>30.4   | Mini-<br>mum.<br>°C.<br>22.8<br>23<br>22.4  | Maxi-<br>mum.<br>°C.<br>33.6<br>34<br>33.1   | Min<br>mu<br>23<br>23.<br>23.  |
|            | Maxi-<br>mum.<br>°C.<br>28<br>31.7<br>32.8<br>31.8   | Mini-<br>mum.<br>°C.<br>21. 9<br>23<br>22. 4<br>22. 2  | Maxi-<br>mum.<br>°C.<br>29.6<br>29.2   | Mini-<br>mum.<br>°C.<br>23.3<br>22.8  | Maxi-<br>mum.<br>°C.   | Minimum.   | Maxi-<br>mum.<br>°C.<br>26.4<br>31.7  | Mini-<br>mum.<br>°C.<br>23.4   | Maxi-<br>mum.<br>°C.<br>31.5  | Mini-<br>mum.<br>°C.<br>22.8<br>23<br>22.6   | Maximum.  °C 32.2 32.7 31.7 32.1 30.6  | Mini-<br>mum.<br>°C.<br>20.7<br>20.8<br>19.8<br>19.9   | Maximum.  °C. 30 28.8 30.4 28.5  | Mini-<br>mum.<br>°C.<br>22.8<br>23<br>22.4<br>22.8  | Maximum.  °C. 33.6 34 33.1   | Min<br>mu<br>23<br>23.<br>23.<br>23.   |
|            | Maxi-<br>mum.<br>°C.<br>28<br>31.7<br>32.8<br>31.8<br>31.9   | Mini-<br>mum.<br>°C.<br>21. 9<br>23<br>22. 4<br>22. 2  | Maxi-<br>mum.<br>°C.<br>29.6<br>29.2<br>30.1<br>29.7   | Mini-<br>mum.<br>°C.<br>23.3<br>22.8<br>22.6<br>23.3  | Maximum.  °C.  29.6 30 30.6 30.7   | Mini-<br>mum.<br>°C.<br>23. 8<br>22. 2<br>22. 1  | Maximum.  *C. 26.4 31.7 31.2 32.4   | Mini-<br>mum.<br>°C.<br>23. 4<br>24<br>24. 5<br>24. 3  | Maxi-<br>mum.<br>*C.<br>31.5<br>30.6<br>30.6<br>28.8  | Mini-<br>mum.<br>°C.<br>22. 8<br>23<br>22. 6<br>23<br>22. 8  | Maximum.  °C 32.2 32.7 31.7 32.1 30.6  | Mini-<br>mum.<br>°C.<br>20. 7<br>20. 8<br>19. 8<br>19. 9<br>20. 5  | Maximum.  ° C. 30 28.8 30.4 28.5 30.4  | Mini-<br>mum.<br>°C.<br>22.8<br>23<br>22.4<br>22.8<br>23.5  | Maximum.  °C. 33.6 34 33.1 32 31.8   | Min<br>mu<br>23<br>23.<br>23.<br>23.<br>23.  |
|            | Maximum.  °C. 28 31.7 32.8 31.8 31.9 32.6  | Minimum.  *C. 21.9 23 22.4 22.2 22.5 22.5  | Maxi-<br>mum.<br>°C.<br>29. 6<br>29. 2<br>30. 1<br>29. 7<br>30. 1  | Mini-<br>mum.<br>°C.<br>23. 3<br>22. 8<br>22. 6<br>23. 3<br>23. 2<br>22. 6<br>23. 2   | Maximum.  °C.  29.6 30 30.6 30.7 29.5  | Minimum.  23.8 22.2 22.1 23.2 21.8 22.8  | Maximum.  *C. 26.4 31.7 31.2 32.4 33.4 32.8 30.7  | Mini-<br>mum.<br>°C.<br>23. 4<br>24. 5<br>24. 3<br>28<br>23. 6<br>23. 5  | Maxi-<br>mum.<br>*C.<br>31.5<br>30.6<br>30.6<br>28.8<br>29.4  | Minimum.  °C. 22.8 23 22.6 23 22.8 23.2 23.7   | Maximum.  °C 32.2 32.7 31.7 32.1 30.6 31.1 29.9  | Mini-<br>mum.<br>°C.<br>20.7<br>20.8<br>19.8<br>19.9   | Maximum.  °C. 30 28.8 30.4 28.5  | Mini-<br>mum.<br>°C.<br>22.8<br>23.4<br>22.8<br>23.5<br>22.5  | Maximum.  °C. 33.6 34 33.1 32 31.8 33.8  | Mii<br>mu<br>23<br>23.<br>23.<br>23.<br>23.<br>22.<br>23.  |
|            | °C. 28 31. 7 32. 8 31. 8 31. 9 32. 6 32 30. 8  | Mini-<br>mum.<br>21. 9<br>23<br>22. 4<br>22. 2<br>22. 5<br>22. 6<br>22. 2  | Maximum.  °C. 29.6 29.2 30.1 29.7 30.1 31.6 30.6 31.5  | Mini-<br>mum.<br>23. 3<br>22. 8<br>22. 6<br>23. 3<br>23. 2<br>22. 6<br>23. 2<br>22. 6   | Maximum.  °C.  29.6 30 30.6 30.7 29.5 30 30.6  | Minimum.  C.  23.8 22.2 22.1 23.2 21.8 22.8 22.4   | Maximum.  *C. 26.4 31.7 31.2 32.4 33.4 32.8 30.7 30.2   | Minimum.  °C. 23.4 24.5 24.3 28 23.6 23.5 24.5   | Maxi-<br>mum.<br>*C.<br>31. 5<br>30. 6<br>28. 8<br>29. 4<br>30<br>30. 6<br>31. 4  | Mini-<br>mum.<br>°C.<br>22. 8<br>23<br>22. 6<br>23<br>22. 8<br>23. 2<br>23. 2<br>23. 7   | Maximum.  °C 32.2 32.7 31.7 32.1 30.6 31.1 29.9 30.6   | Mini-<br>mum.<br>°C.<br>20. 7<br>20. 8<br>19. 9<br>20. 5<br>21. 9<br>20. 5<br>20. 5  | Maximum.  °C. 30 28.8 30.4 28.5 30.4 30.8 31.4 29.8  | Mini-<br>mum.<br>°C.<br>22. 8<br>23. 22. 4<br>22. 8<br>23. 5<br>22. 8<br>22. 8<br>22. 8<br>22. 8  | Maximum.  °C. 33.6 34 33.1 32 31.8 33.8  | Min mu 23 23. 23. 23. 22. 23 22.   |
|            | °C. 28 31. 7 32. 8 31. 8 31. 9 32. 6 32 30. 8  | Mini-<br>mum.<br>21. 9<br>23<br>22. 4<br>22. 2<br>22. 5<br>22. 6<br>22. 2  | Maximum.  °C. 29.6 29.2 30.1 29.7 30.1 31.6 30.6 31.5  | Mini-<br>mum.<br>°C.<br>23. 3<br>22. 8<br>22. 6<br>23. 3<br>23. 2<br>22. 6<br>23. 2   | Maximum.  °C.  29.6 30 30.6 30.7 29.5 30 30.6  | Minimum.  23.8 22.2 22.1 23.2 21.8 22.8  | Maximum.  *C. 26.4 31.7 31.2 32.4 33.4 32.8 30.7  | Mini-<br>mum.<br>°C.<br>23. 4<br>24. 5<br>24. 3<br>28<br>23. 6<br>23. 5  | Maximum.  *C. 31.5 30.6 30.6 28.8 29.4 30 30.6  | Minimum.  °C. 22.8 23 22.6 23 22.8 23.2 23.7   | Maximum.  °C 32.2 32.7 31.7 32.1 30.6 31.1 29.9 30.6   | Mini-<br>mum.<br>°C.<br>20.7<br>20.8<br>19.8<br>19.9<br>20.5<br>21.9<br>20.5   | Maximum.  °C. 30 28.8 30.4 28.5 30.4 30.8 31.4 29.8  | Mini-<br>mum.<br>°C.<br>22. 8<br>23. 22. 4<br>22. 8<br>23. 5<br>22. 8<br>22. 8<br>22. 8<br>22. 8  | Maximum.  °C. 33.6 34 33.1 32 31.8 33.8  | Min mu 23 23. 23. 23. 22. 23 22.   |
|            | Maximum.  °C. 28 31.7 32.8 31.8 31.9 32.6 32 30.8 25.7 31.8  | Mini-<br>mum.  °C. 21.9 23 22.4 22.2 22 22.5 22.6 22.2 22.1 21.4   | °C. 29.6 29.2 30.1 29.7 30.1 31.6 30.6   | Mini-<br>mum.<br>°C.<br>23. 3<br>22. 8<br>22. 6<br>23. 2<br>22. 6<br>23. 2<br>22. 6<br>23. 2<br>22. 6<br>23. 2  | Maximum.  29.6 30 30.6 30.7 29.5 30 30.6 28.9  | Minimum.  23. 8 22. 2 22. 1 23. 2 21. 8 22. 4 22. 2 22. 6  | Maximum.  *C. 26.4 31.7 31.2 32.4 33.4 32.8 30.7 30.2 31.8 31.2   | Minimum.  °C. 23. 4 24. 5 24. 3 28. 6 23. 5 24. 5 24. 5 24. 5 24. 5  | Maximum.  *C. 31.5 30.6 30.6 28.8 29.4 30 30.6 31.4 27.2  | Mini-<br>mum.  °C. 22.8 23 22.6 23 22.8 23.7 22 23.7   | Maximum.  °C 32. 2 32. 7 31. 7 32. 1 30. 6 31. 1 29. 9 30. 6 31. 1 32. 5   | Mini-<br>mum.<br>°C.<br>20. 7<br>20. 8<br>19. 9<br>20. 5<br>21. 9<br>20. 5<br>20. 5  | Maximum.  °C. 30 28.8 30.4 28.5 30.4 30.8 31.4   | Mini-<br>mum.<br>°C.<br>22.8<br>23.4<br>22.8<br>23.5<br>22.5  | Maximum.  °C. 33.6 34 33.1 32 31.8 33.5 33.8 29 32   | Mii<br>mu<br>23<br>23.<br>23.<br>23.<br>22.<br>22.<br>22.<br>22.<br>22.  |
|            | Maximum.  °C. 28 31.7 32.8 31.8 31.9 32.6 32 30.8 25.7 31.8 31.6   | Minimum.  °C. 21.9 23.4 22.2 22.5 22.6 22.2 22.4 21.4 21.4 22.2  | Maximum.  °C. 29.6 29.2 30.1 29.7 30.1 31.6 31.5 26.6 31.3   | Minimum.  °C. 23.3 22.8 22.6 23.3 23.2 22.6 23.6 23.6 21.9 22.8   | Maximum.  °C.  29.6 30 30.6 30.7 29.5 30 30.6 28.9 30  | Minimum.  23.8 22.2 22.1 23.2 21.8 22.8 22.4 22.2 22.6 21.7  | Maximum.  *C. 26. 4 31. 7 31. 2 32. 4 33. 4 33. 30. 7 30. 2 31. 8 31. 2 32. 7   | Minimum.  °C. 23.4 24.5 24.3 28 23.6 23.5 24.5 24.5 24.5 23.2 24 23.3  | Maximum.  *C. 31.5 30.6 30.6 30.8 29.4 30 30.6 31.4 27.2 30 30.5  | Minimum.  °C. 22.8 23 22.6 23 22.8 23.7 22 22.4 21.6   | Maximum.  °C 32. 2 32. 7 31. 7 32. 1 30. 6 31. 1 29. 9 30. 6 31. 1 32. 5 29. 1   | Minimum.  °C. 20.7 20.8 19.8 19.9 20.5 21.9 20.5 20.5 20.9   | Maximum.  °C. 30 28.8 30.4 28.5 30.4 29.8 26.4 29.8 30.4 30.4  | Minimum.  °C. 22.8 23.5 22.4 22.8 23.5 22.8 23.1 23.4   | Maximum.  ° C. 33.6 34 33.1 32 31.8 33.5 33.8 29 32 31 33.5  | Min<br>mu<br>23<br>23.<br>23.<br>23.<br>22.<br>22.<br>22.<br>22.<br>22.<br>22.   |
|            | Maximum.  °C. 28 31.7 32.8 31.8 31.9 32.6 32 30.8 25.7 31.8 31.6 33.3  | Mini-<br>mum.  °C. 21. 9 23 22. 4 22. 2 22. 5 22. 6 22. 2 22. 4 21. 4 22. 2 22. 5  | Maximum.  °C. 29.6 29.2 30.1 29.7 30.1 31.6 30.6 31.5 26.6 31 31.4 30.1  | Mini-<br>mum.<br>°C.<br>23. 3<br>22. 8<br>22. 6<br>23. 2<br>22. 6<br>23. 2<br>22. 6<br>23. 6<br>21. 9<br>22. 8<br>22. 8   | Maximum.  °C.  29.6 30 30.6 30.7 29.5 30 30.6 28.9 30 29.9 30.9  | Mini-<br>mum.<br>°C.<br>23. 8<br>22. 2<br>22. 1<br>23. 2<br>21. 8<br>22. 8<br>22. 8<br>22. 2<br>22. 6<br>21. 7<br>23. 7  | Maximum.  °C. 26.4 31.7 31.2 32.4 33.4 32.8 30.7 30.2 31.8 31.2 32.7 28.7   | Minimum.  °C. 23.4 24.5 24.3 23.6 23.5 24.5 24.2 24.2 23.3 23.6 23.5 24.5 23.5 23.5 23.5 23.5 23.5 23.5  | Maximum.  *C. 31.5 30.6 30.6 28.8 29.4 30 30.6 31.4 27.2 30 30.5 30.4   | Mini-<br>mum.<br>°C.<br>22. 8<br>23<br>22. 6<br>23<br>22. 8<br>23. 2<br>23. 7<br>22<br>22. 4<br>21. 6<br>23. 7<br>22<br>22. 8                                  | Maximum.  °C 32. 2 32. 7 31. 7 32. 1 30. 6 31. 1 29. 9 30. 6 31. 1 32. 5 29. 1 31. 3   | Mini-<br>mum.<br>°C.<br>20.7<br>20.8<br>19.8<br>19.9<br>20.5<br>21.9<br>20.5<br>20.5<br>20.9<br>20.9   | Maximum.  °C. 30 28.8 30.4 28.5 30.4 28.6 30.8 31.4 29.8 26.4 30.4 30.4  | Mini-<br>mum.<br>°C.<br>22. 8<br>23. 22. 4<br>22. 8<br>22. 5<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8  | Maximum.  °C. 33.6 34 33.1 32 31.8 33.5 33.8 23 31 33.5 33.8   | Min<br>mu<br>23<br>23.<br>23.<br>23.<br>22.<br>23.<br>22.<br>22.<br>22.<br>22.   |
|            | Maximum.  °C. 28 31. 7 32. 8 31. 9 32. 6 32 30. 8 25. 7 31. 8 31. 6 33. 3  | Minimum.  °C. 21.9 23.4 22.2 22.5 22.6 22.2 22.4 21.4 21.4 22.2  | Maximum.  °C. 29.6 29.2 30.1 29.7 30.1 31.6 31.5 26.6 31.3   | Minimum.  °C. 23.3 22.8 22.6 23.2 22.6 23.2 22.6 23.9 22.8 23.6 23.2  | Maximum.  °C.  29.6 30.6 30.7 29.5 30 30.6 28.9 30.9 30.9  | Minimum.  23.8 22.2 22.1 23.2 21.8 22.8 22.4 22.2 22.6 21.7  | Maximum.  *C. 26. 4 31. 7 31. 2 32. 4 33. 4 33. 30. 7 30. 2 31. 8 31. 2 32. 7   | Minimum.  °C. 23. 4 24. 5 24. 3 23. 6 23. 5 24. 5 24. 5 23. 2 24 23. 3 23. 5 24. 5 23. 2 24 23. 3  | Maximum.  *C. 31.5 30.6 30.6 30.8 29.4 30 30.6 31.4 27.2 30 30.5  | Minimum.  °C. 22.8 23 22.6 23 22.8 22.8 23.2 22.22 22.1 21.6 23.9 23.7   | Maximum.  °C 32. 2 32. 7 31. 7 32. 1 30. 6 31. 1 29. 9 30. 6 31. 1 32. 5 29. 1   | Minimum.  °C. 20.7 20.8 19.8 19.9 20.5 21.9 20.5 20.5 20.9   | Maximum.  °C. 30 28.8 30.4 28.5 30.4 29.8 26.4 29.8 30.4 30.4  | Minimum.  °C. 22.8 23.5 22.4 22.8 23.5 22.8 23.1 23.4   | Maximum.  ° C. 33.6 34 33.1 32 31.8 33.5 33.8 29 32 31 33.5  | Min<br>mu<br>23<br>23.<br>23.<br>23.<br>22.<br>22.<br>22.<br>22.<br>22.<br>22.   |
|            | Maximum.  °C. 28 31. 7 32. 8 31. 8 31. 9 32. 6 32 30. 8 25. 7 31. 8 31. 6 33. 3 31. 9  | Minimum.  °C. 21. 9 23 22. 4 22. 2 22. 5 22. 6 22. 2 22. 4 21. 4 22. 2 22. 5 22. 1 21. 8   | Maximum.  °C. 29.6 29.2 30.1 29.7 30.1 31.6 30.6 31.5 26.6 31 31.4 30.1 30   | Mini-<br>mum.<br>°C.<br>23. 3<br>22. 8<br>22. 6<br>23. 2<br>22. 6<br>23. 6<br>21. 9<br>22. 8<br>21. 6<br>21. 9<br>22. 8<br>22. 6<br>21. 9<br>22. 8<br>23. 6<br>21. 9<br>22. 8   | 29.6<br>30.6<br>30.6<br>30.6<br>28.9<br>30.9<br>30.9<br>29.9<br>30.9   | Minimum.  °C.  23. 8 22. 2 21. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 7 23. 7 23. 7 22. 2 23. 7   | Maximum.  *C. 26.4 31.7 31.2 32.4 32.8 30.7 30.2 31.8 31.2 32.7 28.7 31 32.2  | Minimum.  °C. 23.4 24.5 24.3 28.6 23.5 24.5 24.5 23.2 24.5 23.2 24.5 23.2 24.5   | Maximum.  *C. 31.5 30.6 30.6 28.8 29.4 30 30.6 31.4 27.2 30 30.5 30.4 31.2 30.4   | Minimum.  °C. 22.8 23.2 22.6 23.2 22.8 23.7 22 22.4 21.6 23.9 23.7 22,7 22,7   | Maximum.  °C 32.2 32.7 31.7 32.1 30.6 31.1 29.9 30.6 31.1 32.5 29.1 31.3 31.6  | Minimum.  °C. 20, 7 20, 8 19, 8 19, 9 20, 5 21, 9 20, 5 20, 9 20, 9 19, 9 21, 1  | Maximum.  °C. 30 28.8 30.4 28.5 30.4 30.8 31.4 30.4 30.4 30.4 30.1 31.2  | Mini-<br>mum.<br>°C.<br>22. 8<br>23. 5<br>22. 8<br>22. 8<br>23. 1<br>23. 1<br>23. 2<br>24. 22. 8<br>22. 8<br>22. 8  | Maximum.  °C. 33.6 34 33.1 32 31.8 33.5 33.8 29 32 31 33.5 33.8 34 34.2  | Min<br>mu<br>23<br>23.<br>23.<br>23.<br>22.<br>22.<br>22.<br>22.<br>22.<br>22.   |
|            | Maximum.  °C. 28 31. 7 32. 8 31. 9 32. 6 32 30. 8 25. 7 31. 8 31. 6 33. 3 31. 9 31. 9 31. 9  | Minimum.  °C. 21. 9 23 22. 4 22. 2 22. 5 22. 6 22. 2 22. 4 21. 4 22. 2 22. 5 22. 1 21. 8 22. 5 22. 1   | Maximum.  °C. 29.6 29.2 30.1 30.6 31.5 26.6 31 31.4 30.1 30 30 30  | Mini-<br>mum.<br>23. 3<br>22. 8<br>22. 6<br>23. 2<br>22. 6<br>23. 2<br>22. 6<br>21. 9<br>22. 8<br>22. 8<br>22. 8<br>23. 2<br>22. 6<br>23. 2   | Maximum.  29.6 30.6 30.6 30.6 30.6 29.5 30 30.6 28.9 30.9 30.9 29.8 30.9   | Minimum.  23. 8 22. 2 22. 1 23. 2 21. 8 22. 8 22. 4 22. 2 22. 6 21. 7 22. 2 23. 7 24. 7  | Caro<br>Maxi-<br>mum.<br>°C.<br>26. 4<br>31. 7<br>31. 2<br>32. 4<br>33. 4<br>32. 8<br>30. 7<br>30. 2<br>31. 8<br>31. 2<br>32. 7<br>28. 7<br>31. 32. 2   | Mini-mum.  °C. 23. 4 24. 5 24. 5 24. 5 23. 2 24 2 23. 3 23. 5 23. 5 23. 5 23. 5 23. 5 23. 5 24. 24 24  | Maximum.  *C. 31.5 30.6 30.6 28.8 29.4 30.6 31.4 27.2 30.5 30.5 30.4 31.2 30.4 31.4   | Minimum.  °C. 22.8 23 22.6 23.7 22 22.4 21.6 23.7 22.3.7 22.2.4 21.6 23.7 22.4 22.4  | Maximum.  °C 32. 2 32. 7 31. 7 32. 1 30. 6 31. 1 32. 5 29. 1 31. 6 31. 6 31. 6 32. 3   | Minimum. 20.7 20.8 19.9 20.5 21.9 20.5 20.9 20.9 21.1 20.9 21.1 20.9   | Maximum.  ° C. 30 28.8 30.4 28.5 30.4 29.8 31.4 29.8 26.4 30.4 30.4 32.1 31.2  | Mini-<br>mum.<br>°C.<br>22.8<br>23.4<br>22.5<br>22.8<br>22.5<br>22.8<br>23.1<br>23.4<br>23.4<br>23.2<br>22.8<br>22.8  | Maximum.  °C. 33.6 34 33.1 32 31.8 33.5 33.8 29 31 33.5 33.8 34 34.2   | Min mu 23 23, 23, 23, 22, 22 22 22 22 22, 22, 22, 21.  |
|            | Maximum.  °C. 28 31.7 32.8 31.9 32.6 32 30.8 25.7 31.8 31.6 33.3 31.9 31.9 33.6  | Minimum.  *C. 21. 9 23 22. 4 22. 2 22. 5 22. 6 22. 2 22. 4 21. 4 21. 4 22. 2 22. 5 22. 8 22. 5 22. 5 22. 8   | Maximum.  °C. 29.6 29.2 30.1 29.7 30.1 31.6 31.5 26.6 31.3 31.4 30.1 30 30.1 31.3  | Minimum.  °C. 23.3 22.8 22.6 23.3 23.2 22.6 23.6 23.9 22.8 23.6 23.6 23.5   | Maximum.  29. 6 30. 6 30. 7 29. 5 30 30. 6 28. 9 30. 9 30. 9 30. 9 30. 9 31. 3   | Minimum.  23. 8 22. 2 22. 1 23. 2 21. 8 22. 4 22. 2 22. 6 21. 7 23. 7 24. 7 23. 7  | Maximum.  *C. 26. 4 31. 7 31. 2 32. 4 33. 4 32. 8 30. 7 30. 2 31. 8 31. 2 32. 7 28. 7 31 32. 2 33. 2 33. 2  | Minimum.  °C. 23.4 24.5 24.5 24.5 24.5 24.5 23.6 23.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24  | Maximum.  *C. 31.5 30.6 30.6 28.8 29.4 30.6 31.4 27.2 30.4 31.2 30.4 31.2 30.4 31.2   | Minimum.  °C. 22.8 23.2 22.6 23.2 22.8 22.8 22.8 22.8 22.9 22.4 21.6 23.9 22.4 22.4 22.7 22.7  | Maximum.  °C 32, 2 32, 7 31, 7 32, 1 30, 6 31, 1 29, 9 30, 6 31, 1 32, 5 29, 1 31, 6 31, 6 32, 3 31, 6 32, 3 31, 5   | "C. 20.7 20.8 19.9 20.5 20.5 20.9 20.9 20.1 20.9 20.5 20.9 20.9 20.6 20.9 20.9 20.9 20.6 20.7  | Maximum.  °C. 30 28.8 30.4 28.5 30.4 30.8 31.4 29.8 26.4 30.4 30.4 31.1 31.2 31.31.9   | Minimum.  °C. 22.8 23.4 22.8 23.5 22.8 23.1 23.4 23.2 22.8 23.1 23.4 23.2 22.8  | Maximum.  °C. 33.6 34.1 32.31.8 33.5 33.8 29 32.31.33.5 33.8 34.4 34.2 33.33.3   | Minmu 23 23. 23. 23. 22. 22. 22. 22. 22. 22.   |
|            | Maximum.  °C. 28 31.7 32.8 31.8 31.9 32.6 33.3 31.9 33.6 34.2 32.7   | Minimum.  °C. 21.9 22.4 22.2 22.5 22.6 22.2.4 21.4 22.2.5 22.1 22.5 22.1 22.5 22.5 22.5 22   | Maximum.  °C. 29.6 29.2 30.1 29.7 30.1 31.6 30.6 31.5 26.6 31 30.3 30.1 31.3 30.3  | Mini-<br>mum.<br>°C.<br>23, 3<br>22, 8<br>22, 6<br>23, 2<br>22, 6<br>23, 6<br>21, 9<br>22, 8<br>22, 6<br>23, 6<br>22, 3<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>23, 6<br>24, 6<br>25, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>26, 6<br>27, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, 6<br>28, | Maximum.  *C.  29.6 30 30.6 30.6 30.9 30.9 30.9 30.9 30.9 31.3   | Minimum.  23.8 22.2 22.1 23.2 21.8 22.8 22.4 22.2 22.6 21.7 23.7 24.7 24.7 23.8 23.8   | Maxi-mum.  °C. 26. 4 31. 7 31. 2 32. 4 33. 4 33. 8 30. 7 30. 2 31. 8 31. 2 32. 7 31. 2 32. 2 31. 8 31. 2 32. 7 31. 2 32. 2 33. 2 31. 2  | Mini-mum.  °C. 23. 4 24. 5 24. 5 23. 5 24. 5 23. 5 24. 5 23. 5 24. 5 23. 5 24. 5 23. 5 24. 5 23. 7   | Maxi-mum.  *C. 31.5 30.6 30.6 30.6 30.6 31.4 27.2 30 30.5 30.4 31.2 30.4 31.4 30.6  | Minimum.  °C. 22.8 23.6 23.7 22.6 23.7 22.4 21.6 23.9 23.7 22.7 23.4   | Maximum.  °C 32.2 32.7 31.7 32.1 30.6 31.1 29.9 30.6 31.1 32.5 29.1 31.3 31.6 32.3 31.5  | "C. 20. 7 20. 8 19. 9 20. 5 20. 5 20. 9 20. 9 20. 6 20. 7 21. 1 20. 9 20. 6 20. 7 21. 1  | Maximum.  °C. 30 28.8 30.4 28.5 30.4 29.8 31.4 29.8 30.4 30.4 30.4 30.1 31.2   | Minimum.  °C. 22.8 23.4 22.8 23.5 22.8 23.5 22.8 23.1 23.4 23.2 22.8 23.6 22.9  | Maximum.  °C. 33.6 34 33.1 32 31.8 33.5 33.8 29 31 33.5 33.8 34 34.2   | Minmu<br>23<br>23<br>23<br>23<br>22<br>22<br>22<br>22<br>22<br>22<br>22<br>22<br>23<br>22.<br>23<br>22.  |
|            | Maximum.  °C. 28 31.7 32.8 31.8 31.9 32.6 32 30.8 25.7 31.8 31.6 33.3 31.9 31.9 32.6 34.2 32.7 33.3  | Minimum.  °C. 21.9 23 22.4 22.2 22.5 22.6 22.2 22.4 22.2 22.1 21.8 22.5 22.8 22.5 22.8   | Maximum.  °C. 29.6 29.2 30.1 29.7 30.1 31.6 30.6 31.5 26.6 31.4 30.1 30 30 30.1 31.3 30.6  | Minimum.  °C. 23.3 22.8 22.6 23.2 22.6 23.6 23.6 23.6 22.8 23.6 22.8 23.6 23.5 22.8   | Maximum.  °C.  29.6 30.6 30.6 30.7 29.5 30 29.9 30.9 29.8 30.9 30.9 31.3 30.9  | Minimum.  °C.  23. 8 22. 2 22. 1 23. 2 21. 8 22. 8 22. 4 22. 2 21. 7 23. 7 22. 2 23. 7 24. 7 23. 8 23. 5 21. 8   | Maximum.  *C. 26. 4 31. 7 31. 2 32. 4 33. 4 32. 8 30. 7 30. 2 31. 8 31. 2 32. 7 28. 7 31 32. 2 33. 2 33. 2  | Minimum.  °C. 23. 4 24. 5 24. 3 28. 6 23. 5 24. 5 24. 22. 5 24. 23. 3 28. 5 24. 24. 24. 3  | Maximum.  *C. 31.5 30.6 28.8 29.4 30 30.6 28.8 29.4 30 30.5 30.4 31.2 30.4 31.6 30.7 29.8                                   | Minimum.  °C. 22.8 23 22.6 23.2 23.7 22.2 22.4 21.6 23.9 22.4 22.2 22.4 22.2 22.4 22.2 22.4 22.2 22.4 22.9   | Maximum.  °C 32. 2 32. 7 31. 7 32. 1 30. 6 31. 1 29. 9 30. 6 31. 1 31. 3 31. 6 31. 6 31. 6 32. 3 31. 5 32. 3   | Minimum.  °C. 20.7 20.8 19.8 19.9 20.5 20.5 20.9 20.9 19.9 20.1 20.9 20.9 21.1 20.7 21.1   | Maximum.  °C. 30 28.8 30.4 28.5 30.4 30.8 31.4 29.8 26.4 30.4 30.4 31.1 31.2 31.31.9   | Minimum.  ° C. 22.8 23 22.4 22.8 23.5 22.8 23.8 22.8 23.4 23.2 22.8 22.8 22.8 22.8 22.8   | Maximum.  °C. 33.6 34. 33.1 32. 31.8 33.5 33.8 29 32.33 33.3 33.3 33.3 33.3  | Mir mu 23 23. 23. 23. 22. 22. 22. 22. 22. 21. 23. 21. 22. 22. 22. 22. 22. 21. 23. 21. 22.  |
|            | **C. 28 31. 7 32. 8 31. 8 31. 9 32. 6 33. 3 31. 9 31. 9 31. 9 32. 6 34. 2 32. 7 33. 3  | Minimum.  °C. 21.9 23 22.4 22.2 22.5 22.6 22.2 22.1 21.4 22.2 22.5 22.1 22.8 22.5 22.3 22.3  | Maximum.  °C. 29.6 29.2 30.1 29.7 30.1 31.6 30.6 31.5 26.6 31 31.4 30.1 30 30.1 31.3 30.6 30.1 31.3                                      | Mini-mum.  °C. 28. 3 22. 6 23. 3 22. 6 23. 6 23. 6 21. 9 22. 8 23. 6 23. 6 23. 6 22. 8 22. 8 23. 6 24. 7 25. 8 26.  | Maximum.  °C.  29.6 30.6 30.7 29.5 30 30.6 28.9 30.9 30.9 30.9 31.3 30.9 29.8 30.3   | Minimum.  °C.  23. 8 22. 2 22. 1 23. 2 21. 8 22. 8 22. 8 22. 8 22. 1 22. 2 23. 7 24. 7 23. 8 23. 5 21. 8   | Caro<br>Maxi-<br>mum.<br>°C.<br>26. 4<br>31. 7<br>31. 2<br>32. 4<br>33. 4<br>33. 8<br>30. 7<br>30. 2<br>31. 8<br>31. 2<br>32. 7<br>33. 2<br>31. 2<br>32. 7<br>31. 2<br>32. 3<br>31. 7<br>31. 2<br>32. 4<br>33. 4<br>33. 4<br>33. 8<br>30. 7<br>30. 2<br>31. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7 | Mini-mum.  °C. 23.4 24.5 24.5 24.5 23.6 23.5 24.5 23.5 24.5 23.7 24.5 23.7 24.5 23.7 24.5 23.7   | Maxi-mum.  *C. 31.5 30.6 30.6 30.6 30.6 30.6 31.4 31.4 31.4 30.6 30.7 29.8  | Minimum.  °C. 22.8 23.6 22.6 22.8 22.23.7 22 22.4 21.6 23.9 23.7 22.27 23.7 23.4 22.7 23.9 23.7 23.9 23.9  | Maximum.  °C 32. 2 32. 7 32. 1 30. 6 31. 1 29. 9 30. 6 31. 1 32. 1 31. 6 32. 3 31. 6 32. 3 32. 1 32. 1   | "C. 20, 7 20, 8 19, 8 19, 9 20, 5 20, 5 20, 9 19, 9 20, 120, 9 20, 120, 120, 120, 120, 120, 120, 120,  | Maximum.  °C. 30 28.8 30.4 28.5 30.4 30.4 30.4 30.4 30.4 30.1 31.2 31 31.9 33 31.8 30.5 31.3   | Minimum.  °C. 22.8 23.4 22.8 23.5 22.8 23.1 23.4 23.2 22.8 23.6 22.9 23.6 22.9 23.1 23.6 22.9 23.8 23.8   | Maximum.  °C. 33.6 34 33.1 32.2 31.8 33.5 33.8 39.2 31.3 33.8 34.2 33.3 33.3 33.3 33.3 33.3  | Mirmun 23 23 23 23 22 22 22 22 22 22 22 21 23 21 22 22 22 22 22 22 22 23 22 24 25 25 25 25 25 25 25 25 25 25 25 25 25  |
|            | **C. 28 31. 7 32. 8 31. 8 31. 9 32. 6 33. 3 31. 9 31. 9 31. 9 32. 6 34. 2 32. 7 33. 3  | Minimum.  °C. 21.9 23 22.4 22.2 22.5 22.6 22.2 22.4 21.4 22.2 22.5 22.1 21.8 22.5 22.8 22.2 22.8 22.2 22.8   | Maximum.  °C. 29.6 29.2 30.1 29.7 30.1 31.6 30.6 31.5 26.6 31 31.4 30.1 30.3 30.1 31.3 30.6 30.7 30.8                                    | Minimum.  °C. 23.3 22.8 22.6 23.3 23.2 22.6 23.6 23.6 23.6 22.8 22.8 22.8 22.8 22.8 22.8 22.8 22  | Maximum.  °C.  29.6 30 30.6 30.7 29.5 30 30.6 28.9 30.9 30.9 30.9 31.3 30.9 30.9 30.9 30.9 30.9  | Minimum.  23. 8 22. 2 22. 1 23. 2 21. 8 22. 4 22. 2 22. 6 21. 7 23. 7 24. 7 24. 7 24. 8 23. 5 21. 8 22. 6  | Caro<br>Maxi-<br>mum.<br>°C.<br>26. 4<br>31. 2<br>32. 4<br>32. 8<br>30. 7<br>30. 2<br>31. 8<br>31. 2<br>32. 7<br>28. 7<br>31. 2<br>32. 7<br>31. 2<br>32. 7<br>31. 2<br>32. 7<br>31. 2<br>31. 3<br>31. 2<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 7<br>31. 7<br>31. 7<br>31. 7  | Minimum.  °C. 23. 4 24. 5 24. 3 28. 6 28. 5 24. 5 24. 5 24. 23. 3 28. 6 28. 5 24. 5 24. 24 24. 23. 3 28. 5 24 24. 24 24. 5 28. 7 24. 7 24. 7 24. 7 25. 5   | Maxi-mum.  *C. 31.5 30.6 28.8 29.4 30 30.6 31.4 27.2 30 30.5 30.4 31.2 30.6 30.7 29.8 30.1                                  | Minimum.  °C. 22.8 23.2 22.6 23.7 22.2 23.7 22.4 21.6 23.9 23.7 22.4 22.9 22.1 22.1 22.1   | Maximum.  °C 32. 2 32. 7 31. 7 32. 1 30. 6 31. 1 29. 9 30. 6 31. 1 32. 5 29. 1 31. 6 31. 6 32. 3 31. 6 32. 3 31. 5 32. 1 32. 1   | Minimum. 20, 7 20, 8 19, 8 19, 9 20, 5 21, 9 20, 5 20, 9 20, 9 20, 9 21, 1 20, 9 21, 1 20, 1 20, 1 20, 1 20, 1 20, 1 20, 1 20, 1 20, 1 20, 1 20, 1 | Maximum.  ° C. 30 28.8 30.4 28.5 30.4 30.8 31.4 29.8 26.4 30.4 30.4 31.2 31.9 33.9 31.8 30.5 31.3  | Minimum.  ° C. 22.8 23.4 22.8 23.5 22.8 23.1 23.4 23.2 23.2 23.8 23.8 23.8 23.8 23.8 23.8   | Maximum.  °C. 33.6 33.1 32 31.8 33.5 33.8 39 32 31 33.5 33.8 34 34.2 33 33.3 33.5 33.5 33.5 33.5 33.5 33.5   | Mirmus<br>23<br>23.<br>23.<br>22.<br>22.<br>22.<br>22.<br>22.<br>22.<br>22.  |
|            | **C. 28 31. 7 32. 8 31. 8 31. 9 32. 6 33. 3 31. 9 31. 9 31. 9 32. 6 34. 2 32. 7 33. 3  | Minimum.  °C. 21.9 23 22.4 22.2 22.5 22.6 22.2 22.1 21.4 21.2 22.5 22.1 21.8 22.5 22.1 21.8 22.5 22.1 21.8 22.5 22.1   | Maximum.  °C. 29.6 29.2 30.1 29.7 30.1 31.6 30.6 31.5 26.6 31 30.3 30.1 30.3 30.6 30.1 30.7 30.8   | Minimum.  °C. 23.3 22.8 22.6 23.3 23.2 22.6 23.6 23.6 23.6 23.6   | Maximum.  29.6 30.6 30.7 29.5 30 30.6 28.9 30.9 30.9 30.9 30.9 30.9 29.8 30.9 30.9 30.9 22.9 30.9 30.9 22.9 30.9 22.9 30.9 22.9 30.9 22.9 30.9 22.9 22.9 | Minimum.  °C.  23.8 22.2 22.1 23.2 21.8 22.4 22.2 22.6 21.7 23.7 24.7 22.2 23.5 21.8 23.5 21.8   | Carolina Maximum.  *C. 26.4 31.7 31.2 32.4 33.4 32.8 30.7 30.2 31.8 31.2 32.7 31.3 32.2 29.7 31.7 31.8 32.2 33.2 33.2 33.2 33.2 33.2 33.2 33  | Minimum.  °C. 23.4 24.5 24.3 23.6 22.5 24.5 23.2 2 24 28.3 5 24.5 24.5 23.7 24.5 23.7 24.5 23.7 24.5 23.7 24.5 23.7 24.5 23.7 24.5 23.7 24.5 23.7 24.5 23.7 24.5 23.7 24.5 23.7 24.5 23.7 24.5 23.7 24.5 23.7 24.5 25.5 25.5   | Maximum.  *C. 31.5 30.6 30.6 30.6 28.8 30.6 31.4 27.2 30.3 30.5 30.4 31.2 30.4 31.4 31.4 30.6 30.7 29.8 30.7 29.8 30.0 30.5 | Minimum.  22.8 23 22.6 23.8 22.8 22.2 22.4 21.6 21.9 22.7 22.2 22.4 22.7 22.9 22.1 22.6 23.9   | Maximum.  °C 32. 2 32. 7 31. 7 32. 1 30. 6 31. 1 32. 5 29. 1 31. 3 31. 6 32. 3 31. 6 32. 3 32. 1 31. 9 32. 6   | Minimum.  °C. 20.7 20.8 19.8 19.9 20.5 20.5 20.5 20.9 20.9 20.9 21.1 20.9 20.6 20.7 21.1 20.1 20.1   | Maximum.  °C. 30 28.8 30.4 28.5 30.4 30.8 31.4 29.8 26.4 30.4 32.1 31.2 31 31.9 33 31.8 30.5 31.3 32.2   | Minimum.  22.8 23 22.4 22.8 23.5 22.8 23.1 23.4 23.2 22.8 23.1 23.4 23.2 22.8 23.1 23.8 23.6 22.9 23.1 23.8 23.6 23.9 23.8 23.8 23.8 23.8 23.8 23.8 23.8 23.8                 | Maximum.  °C. 33.6 34 33.1 32 31.8 33.5 33.8 34 2 33.3 31 34 33.5 31.8 33.5 31.8 33.5 31.8 33.5 31.8 34  | Min mu: 23 23, 23, 23, 22, 22, 22, 22, 21, 23, 21, 22, 22, 22, 22, 22, 22, 22, 22, 22  |
|            | **C. 28 31. 7 32. 8 31. 8 31. 9 32. 6 33. 3 31. 9 31. 9 31. 9 32. 6 34. 2 32. 7 33. 3  | Minimum.  °C. 21. 9 23 22. 4 22. 2 22. 5 22. 6 22. 2 22. 4 22. 2 22. 1 21. 8 22. 5 22. 1 21. 8 22. 2 22. 7 22. 7   | Maximum.  °C. 29.6 29.2 30.1 29.7 30.1 31.6 30.6 31.5 26.6 31.3 30.4 30.1 30.30 30.1 31.3 30.6 30.1 30.7 30.8                            | Minimum.  °C. 23.3 22.8 22.6 23.3 23.2 22.6 23.6 23.6 23.6 23.6   | Maximum.  °C.  29.6 30.6 30.6 28.9 30.9 30.9 30.9 29.8 30.9 29.8 30.9 29.8 30.9 29.8   | Minimum.  C.  23. 8 22. 2 22. 1 23. 2 22. 1. 8 22. 4 22. 2 21. 7 22. 2 23. 7 24. 7 22. 2 23. 8 23. 5 21. 8 23. 6 23. 4 23. 5 21. 8 23. 6 23. 4 23. 5   | Caro<br>Maxi-<br>mum.<br>°C.<br>26. 4<br>31. 7<br>31. 2<br>32. 4<br>32. 8<br>30. 7<br>30. 2<br>31. 8<br>31. 2<br>32. 7<br>31. 3<br>32. 7<br>31. 3<br>33. 1<br>33. 4<br>31. 7<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3 | Mini-mum.  *C. 23.4 24.5 24.3 28.6 23.5 24.5 23.2 24 24.5 23.5 23.5 24.5 23.5 24.5 23.5 23.5 24.5 23.7 24.5 23.7 24.5 23.7 24.5 23.7 24.5 23.7 24.5 23.5 23.5 24.5 23.5 23.5 23.5 23.5 23.5 23.5 23.5 23   | Maxi-mum.  *C. 31.5 30.6 30.6 30.6 31.4 30.5 30.5 30.4 31.2 30.4 30.6 30.7 29.8 30.1 30.2 30.2                              | Minimum.  **C.* 22.8 23.6 23.2 22.6 23.7 22 22.2 22.4 21.6 23.9 23.7 22.4 21.6 23.9 23.7 22.1 22.4 21.6 23.9 23.7 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22        | Maximum.  °C 32. 2 32. 7 31. 7 32. 1 30. 6 31. 1 29. 9 30. 6 31. 1 32. 5 29. 1 31. 3 31. 6 32. 3 31. 5 32. 3 32. 1 32. 1 32. 1 32. 1 32. 1 32. 1   | Minimum.  *C. 20.7 20.8 19.8 19.9 20.5 20.5 20.9 20.9 21.1 20.9 21.1 20.9 21.1 20.1 20.1 20.1 20.4   | Maximum.  °C. 30 28.8 30.4 28.5 30.4 29.8 26.4 30.4 30.4 30.1 31.2 31 31.9 33 31.8 30.5 31.3 31.8 31.4 31.4  | Minimum.  *C. 22.8 23.4 22.8 23.5 22.8 23.1 23.4 23.2 22.8 23.8 23.8 23.8 23.8 23.8 23.8  | Maximum.  °C. 33.6 34 33.1 32 31.8 33.5 33.8 29 32 31 33.5 33.8 34 34.2 33 33.3 31.8 34 34.3 33.4 34.3 34.4 34.4 34.4 34.4   | Mir muses 23. 23. 23. 22. 22. 22. 22. 22. 22. 23. 21. 22. 22. 22. 22. 22. 22. 23. 21. 22. 22. 22. 22. 23. 23. 21. 22. 22. 22. 23. 23. 23. 24. 25. 25. 25. 25. 25. 25. 25. 25. 25. 25 |
|            | **C. 28 31. 7 32. 8 31. 8 31. 9 32. 6 33. 3 31. 9 31. 9 31. 9 32. 6 34. 2 32. 7 33. 3  | Minimum.  °C. 21.9 22.4 22.2 22.5 22.6 22.2 22.1 21.4 21.2 22.5 22.5 22.1 21.8 22.5 22.2 22.5 22.2 22.5 22.2 22.5   | Maximum.  °C. 29.6 29.2 30.1 29.7 30.6 31.6 31.6 31.3 30.1 30.1 30.7 30.8 29.9 30.7  | Minimum.  °C. 23.3 22.8 22.6 23.2 22.6 23.2 22.6 23.6 23.6 23.6   | Maximum.  29.6 30.6 30.7 29.5 30.30.6 28.9 30.9 30.9 30.9 30.9 30.9 30.9 29.8 30.9 29.8 30.9 30.9 30.9   | Minimum.  C.  23.8 22.2 22.1 23.2 21.8 22.8 22.4 22.2 22.6 21.7 23.7 24.7 22.2 23.7 24.7 23.5 21.8 23.5 21.8 23.6 23.4 23.5 22.6   | Carolina Maximum.  *C. 26.4 31.2 32.4 33.4 32.8 30.2 31.8 31.2 32.7 31.7 38.7 31.7 31.7 31.7 31.7 31.7 31.8 32.2 29.7 31.8 32.2 32.2 32.2 32.2 32.2 32.2 32.2 32  | Minimum.  °C. 424 524 524 524 524 524 523 524 523 524 524 524 523 524 524 524 524 524 524 524 524 524 524  | Maxi-mum.  *C. 31.5 30.6 30.6 30.6 30.6 31.4 27.2 30 30.4 31.4 31.4 30.6 30.7 29.8 30.1 30.2 30.2 30.2 30.8                 | Minimum.  22.8 23.6 22.6 23.7 22.2 23.7 22.4 21.6 23.9 23.4 22.7 22.4 22.9 22.1 22.6 23.9 22.1 22.1 22.8   | Maximum.  °C 32.2 32.77 31.7 32.11 30.6 31.13 31.5 32.5 32.1 31.6 32.3 31.6 32.1 31.9 32.1 31.3 32.1   | Minimum.  °C. 20.7 20.8 19.8 19.8 20.5 20.5 20.5 20.9 20.9 20.9 21.1 20.6 20.7 21.1 20.1 20.1 20.1 20.4  | Maximum.  °C. 30 28.8 30.4 28.5 30.4 28.5 30.4 29.8 30.4 30.1 31.2 31.9 33 31.8 30.5 31.3 32.2 31.4 31.4 32.3  | Minimum.  22.8 23.4 22.4 22.8 23.5 22.8 23.1 23.4 23.2 22.8 23.1 23.4 23.2 22.8 23.1 23.4 23.2 23.8 23.6 23.9 23.1 23.8 23.6 23.8 23.8 23.8                                   | Maximum.  °C. 33.6 34 33.1 32 31.8 33.5 33.8 29 31 33.5 33.8 34 34.2 33.3 31 34 33.4 33.4 33.4 33.5  | Min mu: - ° C 23 23, 23, 23, 22, 22, 22, 22, 21, 22, 22, 22, 22, 22  |
|            | **C. 28 31. 7 32. 8 31. 8 31. 9 32. 6 33. 3 31. 9 31. 9 31. 9 32. 6 34. 2 32. 7 33. 3  | Minimum.  °C. 21.9 23 22.4 22.2 22.5 22.6 22.2 22.1 22.5 22.1 22.5 22.8 22.5 22.2 22.7 22.2 22.7 23.5  | Maximum.  °C. 29.6 29.2 30.1 31.6 30.6 31.5 26.6 31 30.4 30.1 30.30 30.1 31.3 30.6 30.7 30.7 30.8  | Minimum.  °C. 23.3 22.8 22.6 23.3 23.2 22.6 23.9 22.8 23.6 23.6 23.5 22.8 24.2 22.1 24.2 23.4 23.5 22.4   | Maximum.  °C.  29.6 30.6 30.7 29.5 30 30.6 28.9 30.9 30.9 30.9 30.9 29.8 30.9 31.3 30.9 29.8 30.6 30.2 29.5 30.5   | Minimum.  C.  23. 8 22. 2 21. 8 22. 4 22. 2 22. 6 21. 7 24. 7 25. 7 26. 7 27 27 28. 7 29. 7 29. 7 20.  | Caro<br>Maxi-<br>mum.<br>°C.<br>26. 4<br>31. 2<br>32. 4<br>32. 8<br>30. 2<br>31. 2<br>31. 2<br>32. 7<br>31. 2<br>32. 7<br>31. 2<br>31. 3<br>32. 7<br>31. 2<br>31. 3<br>32. 7<br>31. 2<br>33. 2<br>31. 3<br>32. 7<br>31. 2<br>33. 2<br>31. 3<br>32. 7<br>31. 2<br>33. 2<br>33. 2<br>31. 3<br>32. 3<br>33. 2<br>33. 2<br>33. 3<br>34. 3<br>35. 7<br>36. 2<br>37. 3<br>38. 2<br>38. 2<br>39. 3<br>39. 7<br>31. 7<br>31. 8<br>32. 2<br>39. 7<br>31. 8<br>32. 2<br>39. 7<br>31. 8<br>32. 2<br>39. 7<br>31. 8<br>32. 9<br>32. 9<br>33. 9<br>34. 9<br>35. 9<br>36. 9<br>37. 9<br>38. 9<br>39. 9<br>39. 9<br>39. 9<br>39. 9<br>39. 9<br>39. 9<br>39. 9<br>39. 9<br>39. 9<br>39. 9<br>39. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9 | Mini-mum.  °C. 23.4 24.5 24.3 23.6 23.5 24.5 23.5 24.5 23.7 24.5 23.7 23.5 24.5 23.7 23.5 23.5 24.5 23.7 23.5 23.5 24.5 23.7 23.5 23.5 24.5 25.5 23.3 24.5 25.5 23.3 24.5 25.5 25.5 25.5 25.5 25.5 25.5 25.5   | Maximum.  *C. 31.5 30.6 30.6 28.8 29.4 30.30.6 31.4 27.2 30 30.5 30.4 31.4 31.4 30.7 29.8 30.1 30.2 30.2 30.2 30.3 30.6     | Minimum.  C. 22.8 23 22.6 23 22.8 22.2 22 4 21.6 23.9 22.4 22.7 22.4 22.9 22.1 22.6 23 23.1 22.8 22.9 22.1 22.6 23 23.1 22.8 22.9                              | Maximum.  °C 32. 2 32. 7 31. 7 32. 1 30. 6 31. 1 32. 5 29. 1 31. 6 32. 3 31. 6 32. 3 32. 1 31. 9 32. 6 31. 3 30. 9   | Minimum. 20.7 20.8 19.8 19.9 20.5 20.5 20.5 20.9 20.9 21.1 20.6 20.7 21.1 20.8 20.4 19.8 20.4 19.8   | Maximum.  °C. 30 28.8 30.4 28.5 30.4 30.4 29.8 30.4 29.8 30.4 30.4 30.1 31.2 31 31.9 33 31.8 30.5 31.3 32.2 31.4 32.3  | Minimum.  22.8 23.4 22.8 23.5 22.8 23.5 22.8 23.1 23.4 23.2 22.8 23.6 22.9 23.1 23.8 23.6 22.9 23.1 23.8 23.7 22.7  | Maximum.  °C. 33.6 34 33.5 33.8 29 32 32 32 33.3 34 34.2 34.3 33.3 31.8 34.4 433.5 33.4  | Min mu 23. 23. 23. 22. 22. 22. 22. 22. 22. 22.   |
|            | **C. 28 31. 7 32. 8 31. 8 31. 9 32. 6 33. 3 31. 9 31. 9 31. 9 32. 6 34. 2 32. 7 33. 3  | Minimum. 21.9 22.2 22.5 22.6 22.2 22.1 21.4 21.4 22.2 22.5 22.1 21.8 22.5 22.7 22.2 22.7 23.2 22.7 23.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5   | Maximum.  °C. 29. 6 29. 2 30. 1 29. 7 30. 6 31. 6 31. 6 31. 3 30. 1 30. 7 30. 8 29. 9 30. 7 31. 2 31. 2                                  | Minimum.  °C. 23. 3 22. 8 22. 6 23. 2 22. 6 23. 6 23. 6 23. 6 23. 6 23. 6 23. 6 24. 2 25. 1 24. 2 25. 1 25. 1 25. 2 25. 1 25. 2 25. 1 25. 2 25. 1 25. 2 25. 1 25. 2 25. 1 25. 2 25. 1 25. 2 25. 1 25. 2 25. 1 25. 2 25. 1 25. 2 25. 1 25. 2 25. 1 25. 2 25. 1 25. 2 25. 1 25. 2 25. 1 25. 2 25. 1 25. 2 25. 1 25. 2 25. 1 25. 2 25. 1 25. 2 25. 2 25. 1 25. 2 25.   | Maximum.  29.6 30.6 30.6 30.7 29.5 30 30.6 28.9 30.9 30.9 30.9 30.9 30.9 30.9 30.9 30  | Minimum.  C.  23.8 22.2 22.1 23.2 21.8 22.8 22.8 22.2 22.6 21.7 23.7 24.7 23.7 24.7 23.5 21.8 23 22.6 21.7 23.5 21.8 23 22.6 21.7 23.7 24.7 23.7 24.7 24.7 25.7 24.7 25.7 26.7 27 28.7 29.7 21.7 23.8  | Caro<br>Maxi-<br>mum.<br>°C.<br>26. 4<br>31. 7<br>31. 2<br>32. 4<br>32. 8<br>30. 7<br>30. 2<br>31. 8<br>31. 2<br>32. 7<br>28. 7<br>31. 2<br>32. 2<br>31. 7<br>31. 2<br>32. 2<br>31. 7<br>31. 7<br>31. 7<br>31. 7<br>31. 7<br>31. 7<br>31. 7<br>31. 2<br>32. 2<br>32. 7<br>31. 7<br>31. 7<br>31. 7<br>31. 7<br>31. 7<br>31. 7<br>31. 7<br>31. 7<br>31. 7<br>31. 7<br>31. 7<br>31. 8<br>32. 2<br>33. 8  | Minimum.  °C. 23. 4 24. 5 24. 3 28. 6 28. 5 24. 5 24. 5 23. 2 24. 22 24. 5 23. 7 24. 7 24. 7 25. 5 28. 3 28. 5 29. 22 29. 22 29. 20 20. 3 20. 5  | Maxi-mum.  *C. 31.5 30.6 28.8 29.4 30 30.6 31.4 27.2 30 30.5 30.4 31.2 30.6 30.7 29.8 30.1 30.2 30.2 30.2 30.3              | Minimum.  °C. 22.8 23.6 22.8 23.7 22.2 23.7 22.4 21.6 23.9 22.4 22.7 22.4 22.9 22.1 22.8 22.1 22.8 22.1 22.8 22.1 22.8   | Maximum.  °C 32, 2 32, 7 31, 7 32, 1 30, 6 31, 1 29, 9 30, 6 31, 1 32, 5 29, 1 31, 6 31, 6 31, 6 32, 3 31, 6 31, 6 31, 6 31, 6 31, 3 32, 1 32, 1 32, 1 32, 1 32, 1 32, 9 32, 9 32, 9 32, 9 31, 3   | Minimum. 20, 7 20, 8 19, 9 20, 5 20, 5 20, 5 20, 5 20, 5 20, 5 20, 6 20, 9 20, 9 21, 1 20, 1 20, 1 20, 1 20, 1 21, 1 20, 8 20, 4 19, 8 21, 4 21, 4 | Maxi-mum.  °C. 30 28.8 30.4 28.5 30.4 29.8 31.4 29.8 31.3 31.9 31.9 33.3 31.8 30.5 31.3 32.2 31.4 31.4 32.3 30.4 32.4 32.3 30.4                              | Mini-mum.  22.8 23.4 22.4 22.8 23.5 22.8 23.1 23.4 23.2 22.8 23.1 23.4 23.2 22.8 23.1 23.4 23.2 22.8 23.6 23.9 23.8 23.6 23.7 22.7 22.7                                       | Maximum.  °C. 33.6 34 33.1 32 31.8 33.5 33.8 29 32 31 33.5 33.8 34 34.2 33.5 31.8 34.3 33.5 31.8 34.3 33.5 33.8 34.3 33.5 33.8   | Min mu 23 23 23 23 23 22 22 22 22 22 22 22 22  |
|            | **C. 28 31. 7 32. 8 31. 8 31. 9 32. 6 33. 3 31. 9 31. 9 31. 9 32. 6 34. 2 32. 7 33. 3  | Minimum.  °C. 21. 9 23 22. 4 22. 22 22. 5 22. 6 22. 2 22. 5 22. 1 21. 4 22. 2 22. 5 22. 1 21. 8 22. 5 22. 1 22. 5 22. 1 22. 5 22. 1 22. 5 22. 5 22. 3 22. 5 22. 3 22. 5 22. 3  | Maximum.  °C. 29.6 29.2 30.1 29.7 30.1 31.6 31.5 26.6 31 30.3 30.1 30.3 30.1 30.7 30.8 29.9 30.7 31.5 29.7 6                             | Minimum.  °C. 23.3 22.8 22.6 23.3 23.2 22.6 23.9 22.6 23.9 22.8 23.6 21.9 22.8 23.6 23.5 23.6 23.5 23.6 23.5 23.6 23.7 24.2 23.1  | Maximum.  29.6 30.6 30.7 29.5 30 30.6 28.9 30.9 30.9 30.9 30.9 30.9 30.9 29.8 30.9 31.3 30.9 29.8 30.5 30.5 32.9 29.5                                    | Minimum.  23. 8 22. 2 22. 1 23. 2 22. 1 23. 2 22. 4 22. 2 22. 6 21. 7 23. 7 24. 7 24. 7 24. 7 24. 7 25. 2 22. 6 21. 7 24. 7 24. 7 24. 7 24. 7 24. 7 24. 7 24. 7 24. 7 24. 7 24. 7 24. 7 24. 7 24. 7 24. 7 24. 7 24. 7 24. 7 24. 7 24. 7 25. 6 22. 7 24. 7 24. 7 25. 8 26. 6 27. 7 28. 8 28. 5 22. 7 21. 7 22. 7 23. 7 24. 7 25. 8 26. 6 27. 7 28. 8 28. 7  | Carolina Maximum.  *C. 26.4 31.7 31.2 32.4 33.4 33.4 33.7 30.2 31.8 31.2 29.7 31.7 31.7 31.8 32.2 29.7 31.7 31.8 32.2 32.7 32.7 31.7 31.8 32.2 32.7 32.7 31.7 31.8 32.2 32.7 32.7 31.7 31.8 32.2 32.7 32.7 31.7 31.8 32.2 32.7 32.7 31.7 31.8 32.2 32.7 32.7 31.7 31.8 32.2 32.7 32.7 31.7 31.8 32.2 32.7 32.7 31.7 31.8 32.2 32.7 32.7 31.7 31.8 32.2 32.7 32.7 32.7 32.7 32.7 32.7 32.7   | Minimum.  °C. 23.4 24.5 24.5 24.5 23.6 23.5 23.5 24.5 23.7 24.5 23.7 24.5 23.7 24.5 23.7 24.5 23.7 24.5 23.7 24.5 23.5 23.5 23.5 23.5 23.5 23.5 23.5 23  | Maximum.  *C. 31.5 30.6 30.6 28.8 30.6 31.4 27.2 30 30.5 30.4 31.2 30.4 31.4 30.6 30.7 29.8 30.1 30.2 30.2 30.8 31.7 22.80  | Minimum.  °C. 22.8 23.6 22.8 22.8 22.2 22.4 21.6 23.9 22.7 22.4 21.6 23.9 22.7 22.4 22.7 22.4 22.6 23.1 22.8 23.1 22.8 23.1 22.8 23.1 22.8 23.1 22.8 23.8 24.9 | Maximum.  °C 32. 2 32. 7 31. 7 32. 1 30. 6 31. 1 32. 5 29. 1 31. 3 31. 6 32. 3 31. 6 32. 3 32. 1 31. 9 32. 9 31. 3 32. 9 31. 3   | Minimum. 20.7 20.8 19.9 20.5 20.5 20.5 20.5 20.6 20.6 20.7 21.1 20.9 20.6 20.7 21.1 21.1 21.1 21.1 21.1 21.1 21.1 21                               | Maximum.  °C. 30 28.8 30.4 28.5 30.4 30.8 31.4 29.8 30.4 32.1 31.2 31 31.9 33 31.8 30.5 31.3 31.9 33.3 32.2 31.4 32.3 30.4                                   | Minimum.  °C. 22.8 23.4 22.8 23.5 22.8 23.1 23.4 23.2 22.8 23.1 23.4 23.2 22.8 23.6 22.9 23.1 23.8 22.8 23.7 24.8 24.8  | Maximum.  °C. 634 33.1 8 33.5 8 39.2 31 8 33.5 33.8 34 2 33.5 34 34.4 4 33.5 34 33.4 4 33.5 34 33.4 4 33.5 34 33.4 4 33.5 34 33.4 4 33.5 34 33.4 4 33.5 34 33.5 34 33.5 34 33.5 34 33.5 34 33.5 34 33.5 34 33.5 34 33.5 34 33.5 34 33.5 34 33.5 34 33.5 34 34 34 34 35.5 34 33.5 34 34 34 34 35.5 34 33.5 34 34 34 34 35.5 34 34 34 34 35 35 35 35 35 35 35 35 35 35 35 35 35  | Min mu 23. 23. 23. 23. 22. 22. 22. 22. 22. 22.   |
|            | **C. 28 31. 7 32. 8 31. 8 31. 9 32. 6 33. 3 31. 9 31. 9 31. 9 32. 6 34. 2 32. 7 33. 3  | Minimum. 21. 9 23. 4 22. 2 22. 5 22. 6 22. 2 22. 4 21. 8 22. 5 22. 5 22. 8 22. 5 22. 8 22. 7 23. 3 22. 2 22. 7 23. 5 22. 5 22. 5 22. 5 22. 8 | Maximum.  °C. 29.6 29.2 30.1 29.7 30.15 31.6 31.5 26.6 31.3 30.4 30.1 30.30 30.1 31.3 30.8 29.9 30.7 31.2 31.5 29.7 27.6 28.1            | Minimum.  28.3 22.8 22.6 23.3 23.2 22.6 23.6 23.6 23.6 23.6   | Maximum.  °C.  29.6 30.6 30.6 28.9 30.9 30.9 30.9 29.8 30.9 29.8 30.2 29.4 29.5 30.5 30.5 30.5 29.8  | Minimum.  23. 8 22. 2 22. 1 23. 2 21. 8 22. 8 22. 8 22. 8 22. 6 21. 7 23. 7 24. 7 24. 7 25. 1 21. 8 22. 6 23. 4 22. 7 21. 7 23. 8 23. 5 21. 7 24. 7 25. 7 26. 7 27 28. 8 29. 7 21. 7 21. 7 22. 7 23. 7 24. 7 25. 7 26. 7 27 28. 7 29. 7 20 | Caro Maximum.  °C. 26. 4 31. 7 31. 2 32. 4 32. 8 30. 7 30. 2 31. 8 31. 2 32. 7 31. 7  | Mini-mum.  *C. 23. 4 24. 5 24. 5 24. 5 24. 5 24. 5 23. 5 24. 5 23. 5 24. 5 23. 5 24. 5 23. 5 24. 5 23. 5 24. 5 23. 5 24. 5 23. 5 24. 5 23. 5 24. 5 23. 5 24. 5 23. 5 23. 5 24. 5 23. 5 23. 5 24. 5 23. 5 23. 5 24. 5 23. 5 24. 5 23. 5 24. 5 23. 5 24. 5 23. 5 24. 5 23. 5 24. 5 24. 5 23. 5 24. 5 23. 5 24. 5 24. 5 23. 5 24. 5 23. 5 24. 5 24. 5 23. 5 24. 5 24. 5 24. 5 24. 5 24. 5 24. 5 23. 5 24. | Maxi-mum.  *C. 31.5 30.6 30.6 30.6 31.4 30.5 30.5 30.4 31.2 30.4 30.6 30.7 29.8 30.1 30.2 30.2 30.3 30.5                    | Minimum.  **C.* 22.8 23.2 22.6 23.2 22.2 22.2 22.4 21.6 23.7 22.4 21.6 23.9 23.7 22.2 22.2 22.2 22.2 22.3 22.3 22.3  | Maximum.  °C 32. 2 32. 7 31. 7 32. 1 30. 6 31. 1 29. 9 30. 6 31. 1 32. 5 29. 1 31. 3 31. 6 32. 3 31. 5 32. 3 32. 1 32. 1 32. 1 32. 1 32. 1 32. 1 32. 1 32. 1 32. 2 5. 7  | Minimum.  *C. 20.7 20.8 19.8 19.9 20.5 20.5 20.9 20.9 21.1 20.9 21.1 20.9 21.1 20.1 20.1 21.1 20.4 21.4 21.4 21.4                                  | Maximum.  °C. 30 28.8 30.4 28.5 30.4 29.8 26.4 30.4 30.4 30.1 31.2 31 31.9 33 31.8 30.5 31.3 31.4 32.3 31.4 32.7 31.7 31.7 31.7 31.7 31.7 31.7 31.7 31       | Minimum.  *C. 22.8 23.5 22.4 22.8 23.5 22.8 23.1 23.4 23.2 22.8 23.8 23.8 23.9 23.1 23.8 22.9 23.1 23.8 22.9 23.1 23.8 22.9 23.1 23.8 22.9 23.1 23.8 23.8 22.9 23.8 23.8 24.8 | Maximum.  °C. 33.6 34 33.5 33.8 29 32 31 33.5 33.8 34 34.2 33.5 31.8 34 34.2 33.5 31.8 34 4 33.5 34.4 33.5 34 4 34 4 | Min mun 23 23 23 23 23 22 22 22 22 22 22 22 22   |
|            | **C. 28 31. 7 32. 8 31. 8 31. 9 32. 6 33. 3 31. 9 31. 9 31. 9 32. 6 34. 2 32. 7 33. 3  | Minimum. 21.9 22.4 22.2 22.5 22.6 22.2 22.1 21.4 21.4 21.2 22.5 22.5 22.5 22.5 22.5 22.5 22.5  | Maximum.  °C. 29, 6 29, 2 30, 1 29, 7 30, 1 31, 6 31, 5 26, 6 31 30, 7 30, 8 30, 7 30, 8 30, 7 30, 8 29, 9 30, 7 27, 6 28, 1 29, 2       | Minimum.  °C. 23. 3 22. 8 22. 6 23. 3 23. 2 22. 6 23. 6 23. 6 23. 6 21. 9 22. 8 23. 6 22. 8 23. 6 22. 8 23. 1 24. 2 23. 1 24. 2 23. 1 24. 2 23. 5 22. 8 23. 5 23. 5 23. 23. 23. 23. 23. 23. 23. 23. 23. 23.   | Maximum.  29.6 30.6 30.7 29.5 30 30.6 28.9 30.9 30.9 30.9 30.9 30.9 30.9 30.9 30   | Minimum.  °C.  23.8 22.2 22.1 23.2 21.8 22.4 22.2 22.6 21.7 23.7 24.7 23.5 21.8 23.5 21.8 23.5 21.7 23.7 21.7 23.7 22.1 23.7 21.7 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1  | Carolina Maximum.  **C. 26.4 31. 2 32. 4 33. 4 32. 8 30. 2 31. 2 32. 7 31. 2 32. 7 31. 2 32. 2 32. 7 31. 7 31. 8 32. 2 29. 7 31. 7 31. 8 32. 2 32. 2 32. 7 31. 7 31. 8 32. 2 32. 2 32. 7 39. 2 32. 2 32. 2 32. 7 39. 2 32. 2 32. 2 32. 2 32. 7 39. 2 32. 2 32. 2 32. 3 30. 2 32. 2 32. 3 30. 2 32. 3 30. 2 32. 3 30. 3 3  | Minimum.  °C. 23.4 24.5 24.5 24.5 24.5 23.5 24.5 23.7 24.5   | Maximum.  *C. 31.5 30.6 30.6 28.8 30.6 31.4 27.2 30.3 30.5 30.4 31.4 31.4 31.4 31.4 31.4 31.4 31.4 31                       | Minimum.  22.8 23.6 22.6 23.7 22.2 22.4 21.6 23.9 23.7 22.7 22.4 22.7 22.4 22.9 23.1 22.6 23.1 22.8 22.9 23.1 22.8 22.9 23.1 22.8                              | Maximum.  °C 32. 2 32. 7 31. 7 32. 1 30. 6 31. 1 32. 5 29. 1 31. 3 31. 6 32. 3 31. 6 32. 3 32. 1 31. 9 32. 9 32. 3 32. 1 32. 9 32. 6 31. 3 32. 1 32. 7 | Minimum.  °C. 20.7 20.8 19.8 19.8 19.9 20.5 20.5 20.5 20.9 20.9 20.9 21.1 20.9 20.6 20.7 21.1 20.8 20.4 19.8 21.4 21.4 21.4 21.2 21.4              | Maximum.  °C. 30 28.8 30.4 28.5 30.4 30.4 30.4 30.4 32.1 31.2 31 31.9 33 31.8 30.5 31.3 32.2 31.4 32.3 31.4 32.3 32.7 27.7 8                                 | Minimum.  22.8 23.4 22.8 23.5 22.8 23.1 23.4 23.2 22.8 23.1 23.4 23.2 22.8 23.1 23.6 23.9 23.8 23.6 23.9 24.8 24.8  | Maximum.  °C. 33.6 34 33.1 32 31.8 33.5 33.8 34.2 33.3 34.4 433.5 34.4 427.5 28.8  | Min mun 23. 23. 23. 23. 22. 22. 22. 22. 22. 22.  |
|            | Maximum.  °C. 28. 31. 7. 32. 8. 31. 9. 32. 6. 32. 7. 31. 8. 31. 9. 33. 6. 34. 2. 32. 32. 7. 33. 3. 31. 9. 33. 1. 33. 2. 32. 7. 33. 3. 31. 7. 28. 4. 5. 34. 1. 36. 32. 7. 31. 7. 28. 4. 5. 34. 1. 36. 3. 3. | Minimum.  °C. 21.9 23 22.4 22.2 22.5 22.6 22.2 22.1 21.4 22.2 22.5 22.1 22.5 22.2 22.7 22.2 22.2 22.3 22.2 22.3 22.3   | Maximum.  °C. 29.6 29.2 30.1 31.6 30.6 31.5 26.6 31. 30.30 30.1 31.31 30.30 30.1 31.31 30.7 30.8 29.9 30.7 31.2 31.5 29.7 27.6 28.1 29.2 | Minimum.  °C. 23.3 22.8 22.6 23.3 23.2 22.6 23.9 22.8 23.6 23.6 23.5 23.6 23.7 24.2 23.4 23.7 24.2 23.3 23.2 23.4 23.7 24.2   | Maximum.  °C.  29.6 30.6 30.6 30.7 29.5 30 30.6 28.9 30.9 30.9 30.9 31.3 30.9 29.8 30.9 31.3 30.9 29.8 30.2 29.8 30.5 32.9 28.8 27.8                     | Minimum.  °C.  23. 8 22. 2 21. 8 22. 4 22. 2 22. 6 21. 7 23. 7 24. 7 24. 7 23. 8 22. 4 23. 5 21. 8 22. 7 24. 7 23. 7 24. 7 24. 7 22. 7 23. 7 24. 7 24. 7 22. 7 23. 7 24. 7 24. 7 25. 6 26. 8 27 28. 7 28. 7 29. 7  | Caro  Maximum.  °C. 26.4 31.7 31.2 32.4 32.8 30.7 30.2 31.8 31.2 28.7 31.7 31.8 32.2 29.7 31.7 31.8 32.2 29.7 31.7 29.2 32.2 27.7 29.2 32.9 32.9 32.9 32.9 33.9   | Mini-mum.  *C. 23. 4 24. 5 24. 5 24. 5 24. 5 23. 5 24. 5 23. 7 24. 5 23. 5 24. 5 23. 5 24. 5 23. 5 24. 5 23. 5 24. 5 23. 5 24. 5 23. 5 24. 5 24. 5 24. 5 24. 5 24. 5 24. 5 24. 5 24. 5 24. 5 24. 5 24. 5   | Maximum.  *C. 31.5 30.6 30.6 28.8 29.4 30.30.5 30.4 27.2 30.4 31.4 30.7 29.8 30.1 30.2 30.2 30.2 30.3 30.7 27.7 30.3        | Minimum.  22.8 23.6 23.2 22.6 23.7 22 22.4 21.6 23.7 22 22.4 21.6 23.9 23.7 22.1 22.6 23.9 23.7 22.8 22.1 22.8 22.8 22.8 22.8 22.8 22.8                        | Maximum.  °C 32. 2 32. 7 31. 7 32. 1 30. 6 31. 1 29. 9 30. 6 31. 1 31. 6 32. 3 31. 6 32. 3 32. 1 31. 9 32. 6 31. 3 30. 9 29. 9 31. 3 29. 25. 7 28. 8 28. 8 28. 8 28. 8 28. 8 28. 8 28. 8 28. 8 28. 8 28. 8 28. 8 28. 8 28. 8   | Minimum.  *C. 20.7 20.8 19.8 19.9 20.5 20.5 20.9 20.9 21.1 20.1 20.1 20.1 20.1 21.1 20.8 20.4 19.8 21.4 21.4 21.2 21.4 20.7                        | Maximum.  °C. 30 28.8 30.4 28.5 30.4 29.8 30.4 29.8 30.4 30.4 30.3 31.2 31.9 33.3 31.8 30.5 31.3 31.9 32.2 31.4 32.3 32.7 31.2 31.2 31.3 32.2 31.4 32.3 30.4 | Minimum.  °C. 22.8 23.5 22.4 22.8 23.5 22.8 23.1 23.4 23.2 22.8 23.6 22.9 23.1 23.8 23.8 22.8 22.8 22.8 23.6 22.9 23.7 24.3 24.8 24.8 24.8 24.8                               | Maximum.  °C. 33.6 34 33.5 33.8 29 32 32 32 33.3 33.5 33.8 34.2 33.3 33.5 33.8 34.2 33.5 34.4 33.5 34.4 33.5 34.8 34.4 33.5 34.8 34.4 33.5 34.8 34.4 33.5 34.8 34.4 33.5 34.8 34.8 34.8 34.8 34.8 34.8 34.8 34.8   | Mirr must 23. 23. 23. 23. 22. 22. 22. 22. 22. 23. 22. 22   |
|            | **C. 28 31. 7 32. 8 31. 8 31. 9 32. 6 33. 3 31. 9 31. 9 31. 9 32. 6 34. 2 32. 7 33. 3  | Minimum. 21.9 22.4 22.2 22.5 22.6 22.2 22.1 21.4 21.4 21.2 22.5 22.5 22.5 22.5 22.5 22.5 22.5  | Maximum.  °C. 29, 6 29, 2 30, 1 29, 7 30, 1 31, 6 31, 5 26, 6 31 30, 7 30, 8 30, 7 30, 8 30, 7 30, 8 29, 9 30, 7 27, 6 28, 1 29, 2       | Minimum.  °C. 23. 3 22. 8 22. 6 23. 3 23. 2 22. 6 23. 6 23. 6 23. 6 21. 9 22. 8 23. 6 22. 8 23. 6 22. 8 23. 1 24. 2 23. 1 24. 2 23. 1 24. 2 23. 5 22. 8 23. 5 23. 5 23. 23. 23. 23. 23. 23. 23. 23. 23. 23.   | Maximum.  29.6 30.6 30.7 29.5 30 30.6 28.9 30.9 30.9 30.9 30.9 30.9 30.9 30.9 30   | Minimum.  °C.  23.8 22.2 22.1 23.2 21.8 22.4 22.2 22.6 21.7 23.7 24.7 23.5 21.8 23.5 21.8 23.5 21.7 23.7 21.7 23.7 22.1 23.7 21.7 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1 23.7 22.1  | Carolina Maximum.  **C. 26.4 31. 2 32. 4 33. 4 32. 8 30. 2 31. 2 32. 7 31. 2 32. 7 31. 2 32. 2 32. 7 31. 7 31. 8 32. 2 29. 7 31. 7 31. 8 32. 2 32. 2 32. 7 31. 7 31. 8 32. 2 32. 2 32. 7 39. 2 32. 2 32. 2 32. 7 39. 2 32. 2 32. 2 32. 2 32. 7 39. 2 32. 2 32. 2 32. 3 30. 2 32. 2 32. 3 30. 2 32. 3 30. 2 32. 3 30. 3 3  | Minimum.  °C. 23.4 24.5 24.5 24.5 24.5 23.5 24.5 23.7 24.5   | Maximum.  *C. 31.5 30.6 30.6 28.8 30.6 31.4 27.2 30.3 30.5 30.4 31.4 31.4 31.4 31.4 31.4 31.4 31.4 31                       | Minimum.  22.8 23.6 22.6 23.7 22.2 22.4 21.6 23.9 23.7 22.7 22.4 22.7 22.4 22.9 23.1 22.6 23.1 22.8 22.9 23.1 22.8 22.9 23.1 22.8                              | Maximum.  °C 32. 2 32. 7 31. 7 32. 1 30. 6 31. 1 32. 5 29. 1 31. 3 31. 6 32. 3 31. 6 32. 3 32. 1 31. 9 32. 9 32. 3 32. 1 32. 9 32. 6 31. 3 32. 1 32. 7 | Minimum.  °C. 20.7 20.8 19.8 19.8 19.9 20.5 20.5 20.5 20.9 20.9 20.9 21.1 20.9 20.6 20.7 21.1 20.8 20.4 19.8 21.4 21.4 21.4 21.2 21.4              | Maximum.  °C. 30 28.8 30.4 28.5 30.4 30.4 30.4 30.4 32.1 31.2 31 31.9 33 31.8 30.5 31.3 32.2 31.4 32.3 31.4 32.3 32.7 27.7 8                                 | Minimum.  22.8 23.4 22.8 23.5 22.8 23.1 23.4 23.2 22.8 23.1 23.4 23.2 22.8 23.1 23.6 23.9 23.8 23.6 23.9 24.8 24.8  | Maximum.  °C. 33.6 34 33.1 32 31.8 33.5 33.8 34.2 33.3 34.4 433.5 34.4 427.5 28.8  | Min mu 23 23 23 23 22 22 22 22 22 22 22 22 22  |

BULLETIN FOR JUNE, 1918.

Maximum and minimum temperatures at the stations of the Weather Bureau, June, 1918—Continued.

|   | Се  | bu.  | Ilo   | ilo.  | San<br>Buens  | Jose<br>avista.  | Cu   | yo.  | Orn  | noc.  | Gui  | uan.  | Tacl   | ob <b>a</b> n.   | Ca  | piz.  |
|---|---|--|---|---|---|--|--|--|--|---|--|---|--|--|---|---|
| Day.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  |   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Min   |
|   | °C.   | ∘ <b>C</b> .   | °C.   | ∘ <i>C</i> .  | ° <i>C</i> .  | °C.  | °C.  | ° <i>C</i> .   | °C.  | °C.   | °C.  | ° <i>C</i> .  | °C.  | °C.  | ° <i>C</i> .  | °C  |
| 1   | 33.2  | 25.9   | 33.1  | 24.7  | 30.6  | 23   | 30.8   | 23.8   | 32.3   | 21.8  | 31.1   | 22.8  | 31.4   | 24   | 32.3  | 22.   |
| 2   | 30.8  | 24.2   | 31.4  | 23  | 31.3  | 22.8   | 31. 4  | 24.9   | 29.8   | 22.5  | 29.4   | 24.5  | 30.4   | 23. 5  | 31.5  | 24.8  |
| 3   | 31  | 23.7   | 32.7  | 22.4  | 31.2  | 21.7   | 30.7   | 23.3   | 32.2   | 21.9  | 32.3   | 21.9  | 33.5   | 23   | 32.8  | 23.   |
| ļ   | 28.5  | 23.7   | 30.5  | 24  | 30.8  | 23.6   | 30.3   | 23.6   | 31.5   | 22.4  | 27.5   | 23.4  | 30.6   | 23.7   | 32.5  | 24.   |
|   | 28  | 23.2   | 28.4  | 23.5  | 29. 2   | 22.6   | 29. 3  | 24.6   | 30.9   | 21.7  | 32.6   | 22, 4?  |  | 22.7   | 26. 9   | 24.   |
|   | 30.2  | 23.3   | 27.9  | 23  | 27.2  | 22.8   | 27.4   | 24   | 31.3   | 22.9  | 32. 7  | 23. 9   | 31.9   | 23   | 31.7  | 24.   |
|   | 30. 4   | 23.8   | 29.9  | 23.2  | 30.6  | 22.6   | 28.1   | 23.8   | 31.8   | 22.8  | 33. 2  | 25.7  | 33.1   | 22   | 32.6  | 23.   |
| }   | 30. 6   | 23   | 30.6  | 24.2  | 31.2  | 22.6<br>22.6   | 30.3   | 25. 1  | 32.5   | 22.3<br>22.8  | 31.1   | 22<br>22, 2   | 31.5   | 23. 2<br>23. 4   | 32. 5<br>32. 1  | 23<br>22.   |
| )   | 29<br>29. 6   | 24<br>22. 4  | 30.5  | 23. 4<br>23. 3  | 31.6<br>32.2  | 23.1   | 31.3<br>29.6   | 23.3<br>25.6   | 28. 3<br>30  | 22.6  | 26.6<br>29.9   | 22.2  | 26.6<br>30.1   | 22.5   | 30.6  | 23.   |
| /   | 29. 6   | 22. 4  | 31<br>29.6  | 23.3  | 29.1  | 22. 4  | 28. 4  | 23.1   | 31.3   | 20.8  | 30.8   | 23.4  | 31   | 22. 5  | 30. 7   | 23.   |
|   | 30. 2   | 24.3   | 30.5  | 23.9  | 31. 4   | 21. 9  | 31. 1  | 26. 1  | 32.2   | 22. 4   | 33.1   | 26.4  | 33.1   | 23.5   | 32. 5   | 23.   |
|   | 31.3  | 25.3   | 30.8  | 24.1  | 32. 2   | 23. 6  | 30.8   | 24.5   | 32. 5  | 22. 9   | 33.5   | 25  | 32.7   | 24.3   | 33.3  | 23  |
|   | 32.5  | 22.7   | 32. 1   | 23.6  | 33. 2   | 22. 6  | 31.1   | 24.3   | 32. 4  | 22.7  | 32.5   | 22  | 33. 4  | 24   | 33  | 23.   |
|   | 32. 3   | 25   | 32  | 24. 4   | 33.7  | 23.5   | 32.8   | 24.3   | 32. 9  | 22.4  | 33. 5  | 24.2  | 33.5   | 23. 7  | 32.8  | 23.   |
| 3   | 31. 1   | 25.7   | 32. 2   | 24.8  | 31. 7   | 23. 6  | 30.8   | 24. 9  | 33.5   | 21.9  | 32. 9  | 23.7  | 33   | 24   | 32  | 24.   |
| '   | 32, 7   | 23. 1  | 31.6  | 24. 2   | 32. 2   | 23   | 31.7   | 24. 9  | 32.4   | 21.9  | 33.3   | 23.2  | 33.4   | 23.4   | 32.4  | 24.   |
| }   | 31.8  | 23.7   | 30.6  | 24. 1   | 31. 2   | 23.9   | 29.3   | 23. 8  | 32   | 22.3  | 32. 5  | 23  | 32.7   | 23.2   | 29. 1   | 23.   |
| )   | 32  | 24.3   | 32. 5   | 23.8  | 32.8  | 22   | 31.9   | 24   | 32. 2  | 22.4  | 33. 1  | 22.3  | 32. 2  | 22.9   | 33.2  | 23.   |
| )   | 31.3  | 24.8   | 31. 9   | 24  | 32.2  | 23.6   | 29. 9  | 24.3   | 31.5   | 23. 2   | 30.9   | 24. 2   | 31.9   | 23   | 31.7  | 24.   |
|   | 31.6  | . 23.2   | 30.6  | 23.1  | 32.2  | 23.6   | 30.7   | 24.7   | 32.6   | 22.9  | 26. 6  | 22, 5   | 28.6   | 22.8   | 32. 2   | 24.   |
|   | 31.3  | 23.8   | 31.5  | 23.4  | 31.7  | 22. 9  | 30.3   |  | 32. 1  | 22.4  | 34   | 22.9  | 32.9   | 23. 5  | 31.6  | 24.   |
| B   | 31.6  | 23.4   | 31.8  | 23.6  | 32  | 23.1   | 31.8   | 24. 4  | 33.3   | 21.2  | 33.6   | 21.9  | 33.2   | 23   | 32.8  | 24  |
|   | 31.4  | 23.3   | 32.6  | 24. 2   | 31.6  | 23.4   | 31.9   | 24.3   | 33.4   | 21.4  | 33.2   | 22.6  | 32.9   | 23.9   | 33. <b>2</b>  | 23.   |
| 5   | 31  | 26. 1  | 31.4  | 24. 4   | 31.7  | 23.1   | 30.7   | 24.7   | 32.5   | 22.4  | 31. 7  | 23.5  | 30.5   | 23.8   | 32. 1   | 23.   |
| 3   | 27. 9   | 24.9   | 28.1  | 24  | 29.5  | 23.6   | 28.4   | 23, 2  | 31.3   | 24.4  | 28.5   | 24.6  | 27.5   | 23.4   | 29.1  | 23.   |
|   | 26.6  | 23. 1  | <b>26.</b> 8  | 24  | 27.8  | 22. 7?   |  | 23.3   | 27. 2  | 23  | 28.5   | 24.3  | 26. 2  | 22.6   | 26.5  | 23.   |
| 3   | 29  | 24.3   | <b>2</b> 8  | 23.2  | 28.7  | 24. 2  | 27.8   | 24.2   | 28. 4  | 23.4  | 29.2   | 25. 2   | 28. 1  | 23.6   | 27.1  | 22.   |
| 9   | 29.5  | 23.9   | 28. 4   | 23. 7   | 29.7  | 24.4   | 28.3   | 25   | 30. 5  | 25. 4   | 30.5   | 26.6  | 31.8   | 24.7   | 30  | 24.   |
| )   | 29.7  | 24. 2  | 29  | 24.7  | 30. 2   | 25. 4  | 28.5   | 23.7   | 32   | 24  | 31.1   | 26.6  | 31.9   | 23.4   | 32. 1   | 24.   |
| Mean  | 30. 5   | 24   | 30.6  | 23.8  | 31  | 23. 1  | 30. 1  | 24.3   | 31.6   | 22.6  | 31.3   | 23.6  | 31.3   | 23.3   | 31. 4   | 23.   |
|   | Boro  | ngan.  | Catba   | logan.  | Calb  | ayog.  | Mas  | bate.  | Rom  | blon.   | Ва   | tag.  | Sors   | ogon.  | Leg   | aspi.   |
| Day.  |   |  |   | I   |   |  |  | l  |  |   |  | l   |  |  |   | 1   |
|   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  |   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mir   |
| -   | °C.   | °C.  | ∘ <i>C</i> .  | °C.   | °C.   | ° <i>C</i> .   | °C.  | ° <i>C</i> .   | ∘ <i>C</i> .   | °C.   | ° <i>C</i> .   | ° <b>C</b> .  | ° <i>C</i> .   | ° <i>C</i> .   | °C.   | 00  |
| 1   | 32.2  | 23. 3  | 30  | 22. 1   | 30  | 23.3   | 35. 6  | 26. 2  | 32.8   | 23.7  | 31.5   | 24  | 33.5   | 21.8   | 33  | 24.   |
| 3   | 30.4  | 23.2   | 28.2  | 22  | 27.8  | 22.4   | 32   | 26.6   | 32.9   | 23.4  | 31   | 23.5  | 32.5   | 21   | 28.8  | 23.   |
| 3   | 31.4  | 22.5   | 31.6  | 21.9  | 30.2  | 22.8   | 35.6   | 24.8   | 32.5   | 23.2  | 30.5   | 22.6  | 31   | 21   | 31.8  | 23.   |
| l   | 27.9  | 23.5   | 29.5  | 22.7  | 30  | 22.9   | 34.8   | 25. 5  | 33.8   | 23.5  | 29.2   | 22.4  | 30.3   | 20   | 30.7  | 23.   |
|   | 32.2  | 21.7   | 30.5  | 22.1  | 29.2  | 22.8   | 31.8   | 24.5   | 30.4   | 23.6  | 28.5   | 23  | 29.5   | 22   | 28.8  | 22.   |
| 5   | 33  | 22.2   | 32.3  | 22.4  | 30.2  | 22.8   | 31.4   | 22.6   | 31.3   | 23.3  | 29.8   | 22.2  | 31.5   | 21.7   | 31.3  | 23.   |
| 5<br>6  |   |  | 32.6  | 22.5  | 30.8  | 23   | 33.4   | 24   | 32.4   | 23.3  | 31.3   | 23  | 32.5   | 22   | 32.5<br>32.2  | 23.<br>23.  |
| 5<br>3<br>7                                   | 32.2  | 21.9   | 0.  |   | 29.5  | 22.9   | 33.4   | 24   | 32.7   | 22.9  | 30.1   | 22.5  | 30   | 21.3<br>21.3   | 30.8  | 23,   |
| 5   | 32. 2<br>31. 1  | 22.3   | 31.2  | 22.8  |   | 00.0   |  | 04.0   |  | 00 0  |  |   |  |  |   | 4 40.   |
| 5<br>5<br>7                                   | 32. 2<br>31. 1  | 22.3<br>23   | 27. 9   | 22.7  | 28.6  | 23.3   | 32. 4  | 24.6   | 31.5   | 23.2  | 29.3   | 23.5  | 31.3   | 21 25  | 97 1  | 29  |
| 5   | 32. 2<br>31. 1<br>27. 9<br>28. 9  | 22. 3<br>23<br>23  | 27. 9<br>28. 2  | 22.7<br>23.6  | 27.8  | 23.4   | 32. 4<br>30  | 24.6<br>25   | 30.1   | 23.6  | 29.3<br>25.3   | 22. 3   | 27.8   | 21. 23   | 27.1  | 22.   |
| 5<br>3<br>7<br>9<br>9                         | 32. 2<br>31. 1<br>27. 9<br>28. 9<br>31. 9   | 22. 3<br>23<br>23<br>22. 4   | 27. 9<br>28. 2<br>30. 6   | 22. 7<br>23. 6<br>22  | 27. 8<br>28. 5  | 23. 4<br>22. 7   | 32. 4<br>30<br>31  | 24.6<br>25<br>23.8   | 30.1   | 23. 6<br>21. 3  | 29.3<br>25.3<br>29.3   | 22. 3<br>22. 8  | 27.8<br>29.5   | 21. 27<br>20. 8  | 27.1  | 22.<br>21.  |
| 7   | 32. 2<br>31. 1<br>27. 9<br>28. 9<br>31. 9<br>32. 9  | 22. 3<br>23<br>23<br>22. 4<br>21. 5  | 27. 9<br>28. 2<br>30. 6<br>32. 7  | 22. 7<br>23. 6<br>22<br>22. 8   | 27. 8<br>28. 5<br>30. 1   | 23. 4<br>22. 7<br>23. 2  | 32. 4<br>30<br>31<br>32. 8   | 24.6<br>25<br>23.8<br>24.6   | 30. 1<br>31<br>32. 9   | 23.6<br>21.3<br>24  | 29.3<br>25.3<br>29.3<br>31.9   | 22. 3<br>22. 8<br>23. 2   | 27.8<br>29.5<br>32   | 21. 27<br>20. 8<br>21. 8   | 27. 1<br>29. 3<br>32. 9   | 22.<br>21.<br>23.   |
| 3   | 32. 2<br>31. 1<br>27. 9<br>28. 9<br>31. 9<br>32. 9<br>31. 9   | 22. 3<br>23<br>23<br>22. 4<br>21. 5<br>23. 9   | 27. 9<br>28. 2<br>30. 6<br>32. 7<br>32  | 22. 7<br>23. 6<br>22<br>22. 8<br>22. 8  | 27. 8<br>28. 5<br>30. 1<br>30. 7  | 23. 4<br>22. 7<br>23. 2<br>22. 8   | 32. 4<br>30<br>31<br>32. 8<br>31. 6  | 24.6<br>25<br>23.8<br>24.6<br>24.6   | 30. 1<br>31<br>32. 9<br>33. 4  | 23. 6<br>21. 3<br>24<br>22. 7   | 29.3<br>25.3<br>29.3<br>31.9<br>31.1   | 22. 8<br>22. 8<br>23. 2<br>22. 3  | 27.8<br>29.5<br>32<br>32.5   | 21. 29<br>20. 8<br>21. 8<br>22   | 27. 1<br>29. 3<br>32. 9<br>31. 2  | 22.<br>21.<br>23.<br>24.  |
| 5   | 32. 2<br>31. 1<br>27. 9<br>28. 9<br>31. 9<br>32. 9<br>31. 9<br>31. 4                                  | 22. 3<br>23<br>23<br>22. 4<br>21. 5<br>23. 9<br>23. 4  | 27. 9<br>28. 2<br>30. 6<br>32. 7<br>32<br>31. 7   | 22. 7<br>23. 6<br>22<br>22. 8<br>22. 8<br>22. 8   | 27. 8<br>28. 5<br>30. 1<br>30. 7<br>30. 8   | 23. 4<br>22. 7<br>23. 2<br>22. 8<br>22   | 32. 4<br>30<br>31<br>32. 8<br>31. 6<br>33  | 24.6<br>25<br>23.8<br>24.6<br>24.6<br>24   | 30. 1<br>31<br>32. 9<br>33. 4<br>33. 4   | 23. 6<br>21. 3<br>24<br>22. 7<br>23. 8  | 29.3<br>25.3<br>29.3<br>31.9<br>31.1<br>31.7   | 22. 3<br>22. 8<br>23. 2<br>22. 3<br>22. 5   | 27.8<br>29.5<br>32<br>32.5<br>32.8   | 21. 29<br>20. 8<br>21. 8<br>22<br>22   | 27. 1<br>29. 3<br>32. 9<br>31. 2<br>32. 2   | 22.<br>21.<br>23.<br>24.<br>23.   |
| 5   | 32. 2<br>31. 1<br>27. 9<br>28. 9<br>31. 9<br>32. 9<br>31. 4<br>32. 4                                  | 22. 3<br>23<br>22. 4<br>21. 5<br>23. 9<br>23. 4<br>23. 6                                     | 27. 9<br>28. 2<br>30. 6<br>32. 7<br>32<br>31. 7<br>33. 5  | 22. 7<br>23. 6<br>22<br>22. 8<br>22. 8<br>22. 8<br>22   | 27. 8<br>28. 5<br>30. 1<br>30. 7<br>30. 8<br>30. 6  | 23. 4<br>22. 7<br>23. 2<br>22. 8<br>22   | 32. 4<br>30<br>31<br>32. 8<br>31. 6<br>33<br>32. 8   | 24.6<br>25<br>23.8<br>24.6<br>24.6<br>24<br>26.4   | 30. 1<br>31<br>32. 9<br>33. 4<br>33. 4   | 23. 6<br>21. 3<br>24<br>22. 7<br>23. 8<br>23. 3   | 29.3<br>25.3<br>29.3<br>31.9<br>31.1<br>31.7<br>31.4   | 22. 8<br>22. 8<br>23. 2<br>22. 3<br>22. 5<br>24. 6  | 27.8<br>29.5<br>32<br>32.5<br>32.8<br>32.4   | 21. 25<br>20. 8<br>21. 8<br>22<br>22<br>22<br>21. 8  | 27. 1<br>29. 3<br>32. 9<br>31. 2<br>32. 2<br>31. 8  | 22.<br>21.<br>23.<br>24.<br>23.<br>25.  |
| 5   | 32.2<br>31.1<br>27.9<br>28.9<br>31.9<br>32.9<br>31.4<br>32.4<br>31.5                                  | 22. 3<br>23<br>22. 4<br>21. 5<br>23. 9<br>23. 4<br>23. 6<br>23. 5                            | 27. 9<br>28. 2<br>30. 6<br>32. 7<br>32<br>31. 7<br>33. 5<br>31. 5   | 22. 7<br>23. 6<br>22<br>22. 8<br>22. 8<br>22. 8<br>22<br>23<br>22. 5  | 27. 8<br>28. 5<br>30. 1<br>30. 7<br>30. 8<br>30. 6<br>30. 6   | 23. 4<br>22. 7<br>23. 2<br>22. 8<br>22<br>23. 4<br>22. 9   | 32. 4<br>30<br>31<br>32. 8<br>31. 6<br>33<br>32. 8   | 24.6<br>25<br>23.8<br>24.6<br>24.6<br>24<br>26.4   | 30. 1<br>31<br>32. 9<br>33. 4<br>33. 4<br>33<br>33. 4  | 23. 6<br>21. 3<br>24<br>22. 7<br>23. 8<br>23. 3<br>24   | 29.3<br>25.3<br>29.3<br>31.9<br>31.1<br>31.7<br>31.4<br>31.3   | 22. 8<br>22. 8<br>23. 2<br>22. 3<br>22. 5<br>24. 6<br>24. 8   | 27.8<br>29.5<br>32<br>32.5<br>32.8<br>32.4<br>32.7   | 21. 29<br>20. 8<br>21. 8<br>22<br>22<br>21. 8<br>22  | 27. 1<br>29. 3<br>32. 9<br>31. 2<br>32. 2<br>31. 8<br>32. 4   | 22.<br>21.<br>23.<br>24.<br>23.<br>25.<br>24.   |
| 5   | 32.2<br>31.1<br>27.9<br>28.9<br>31.9<br>32.9<br>31.4<br>32.4<br>31.5                                  | 22. 3<br>23<br>22. 4<br>21. 5<br>23. 9<br>23. 4<br>23. 6<br>23. 5                            | 27. 9<br>28. 2<br>30. 6<br>32. 7<br>32<br>31. 7<br>33. 5<br>31. 5   | 22. 7<br>23. 6<br>22<br>22. 8<br>22. 8<br>22<br>23<br>22. 5   | 27. 8<br>28. 5<br>30. 1<br>30. 7<br>30. 8<br>30. 6<br>30. 6<br>30. 1  | 23. 4<br>22. 7<br>23. 2<br>22. 8<br>22<br>23. 4<br>22. 9<br>22. 7  | 32. 4<br>30<br>31<br>32. 8<br>31. 6<br>33<br>32. 8<br>33<br>34   | 24.6<br>25.8<br>24.6<br>24.6<br>24.2<br>26.4<br>26.4<br>25.5   | 30. 1<br>31<br>32. 9<br>33. 4<br>33. 4<br>33. 4<br>33. 8   | 23. 6<br>21. 3<br>24<br>22. 7<br>23. 8<br>23. 3<br>24<br>23. 8  | 29.3<br>25.3<br>29.3<br>31.9<br>31.1<br>31.7<br>31.4<br>31.3   | 22. 8<br>22. 8<br>23. 2<br>22. 3<br>22. 5<br>24. 6<br>24. 8<br>24. 1  | 27.8<br>29.5<br>32<br>32.5<br>32.8<br>32.4<br>32.7<br>32.6   | 21. 27<br>20. 8<br>21. 8<br>22<br>22<br>21. 8<br>22<br>22<br>22. 22  | 27. 1<br>29. 3<br>32. 9<br>31. 2<br>32. 2<br>31. 8<br>32. 4<br>32. 8  | 22.<br>21.<br>23.<br>24.<br>23.<br>25.<br>24.<br>23.  |
| 5 6   | 32. 2<br>31. 1<br>27. 9<br>28. 9<br>31. 9<br>31. 9<br>31. 4<br>32. 4<br>31. 5<br>32<br>31. 7          | 22. 3<br>23<br>22. 4<br>21. 5<br>23. 9<br>23. 4<br>23. 6<br>23. 5<br>23. 7                   | 27. 9<br>28. 2<br>30. 6<br>32. 7<br>32<br>31. 7<br>33. 5<br>31. 5<br>31. 5<br>32. 5   | 22. 7<br>23. 6<br>22<br>22. 8<br>22. 8<br>22<br>23<br>22. 5<br>22<br>22   | 27. 8<br>28. 5<br>30. 1<br>30. 7<br>30. 8<br>30. 6<br>30. 6<br>30. 1<br>29. 6   | 23. 4<br>22. 7<br>23. 2<br>22. 8<br>22<br>23. 4<br>22. 9<br>22. 7<br>22. 5   | 32. 4<br>30<br>31<br>32. 8<br>31. 6<br>33<br>32. 8<br>33<br>34<br>33. 6  | 24.6<br>25<br>23.8<br>24.6<br>24.6<br>24<br>26.4<br>26.4<br>25.5<br>24.8   | 30. 1<br>31<br>32. 9<br>33. 4<br>33. 4<br>33. 33. 4<br>33. 8<br>30. 6  | 23. 6<br>21. 3<br>24<br>22. 7<br>23. 8<br>23. 3<br>24<br>23. 8<br>23. 9   | 29.3<br>25.3<br>29.3<br>31.9<br>31.1<br>31.7<br>31.4<br>31.3<br>31.4<br>30.5   | 22. 3<br>22. 8<br>23. 2<br>22. 3<br>22. 5<br>24. 6<br>24. 8<br>24. 1<br>23. 8   | 27.8<br>29.5<br>32.5<br>32.8<br>32.4<br>32.7<br>32.6<br>31.9   | 21. 27<br>20. 8<br>21. 8<br>22<br>22<br>21. 8<br>22<br>21. 8<br>22<br>22<br>22<br>22   | 27. 1<br>29. 3<br>32. 9<br>31. 2<br>32. 2<br>31. 8<br>32. 4<br>32. 8<br>31. 8   | 22.<br>21.<br>23.<br>24.<br>23.<br>25.<br>24.<br>23.<br>24.   |
| 5   | 32. 2<br>31. 1<br>27. 9<br>28. 9<br>31. 9<br>31. 9<br>31. 4<br>32. 4<br>31. 5<br>32<br>31. 7<br>31. 6 | 22. 3<br>23<br>22. 4<br>21. 5<br>23. 9<br>23. 4<br>23. 5<br>23. 5<br>22. 7<br>22. 6          | 27. 9<br>28. 2<br>30. 6<br>32. 7<br>32<br>31. 7<br>33. 5<br>31. 5<br>32. 5<br>31. 1   | 22. 7<br>23. 6<br>22<br>22. 8<br>22. 8<br>22<br>23<br>22. 5<br>22<br>22<br>22. 4  | 27. 8<br>28. 5<br>30. 1<br>30. 7<br>30. 8<br>30. 6<br>30. 6<br>30. 1<br>29. 6<br>29. 7  | 23. 4<br>22. 7<br>23. 2<br>22. 8<br>22<br>23. 4<br>22. 9<br>22. 7<br>22. 5<br>22. 7  | 32. 4<br>30<br>31<br>32. 8<br>31. 6<br>33<br>32. 8<br>33<br>34<br>33. 6<br>32. 4   | 24. 6<br>25<br>23. 8<br>24. 6<br>24. 6<br>26. 4<br>26. 4<br>25. 5<br>24. 8<br>25. 6  | 30, 1<br>31<br>32, 9<br>33, 4<br>33, 4<br>33, 4<br>33, 8<br>30, 6  | 23. 6<br>21. 3<br>24<br>22. 7<br>23. 8<br>23. 3<br>24<br>23. 8<br>23. 9<br>24   | 29.3<br>25.3<br>29.3<br>31.9<br>31.1<br>31.7<br>31.4<br>31.3<br>31.4<br>30.5<br>30.8   | 22. 3<br>22. 8<br>23. 2<br>22. 3<br>22. 5<br>24. 6<br>24. 8<br>24. 1<br>23. 8   | 27.8<br>29.5<br>32<br>32.5<br>32.8<br>32.4<br>32.7<br>32.6<br>31.9<br>32.6   | 21. 29<br>20. 8<br>21. 8<br>22<br>22<br>21. 8<br>22<br>22<br>22<br>22<br>22<br>22, 3   | 27. 1<br>29. 3<br>32. 9<br>31. 2<br>32. 2<br>31. 8<br>32. 4<br>32. 8<br>31. 8<br>32. 7  | 22.<br>21.<br>23.<br>24.<br>23.<br>25.<br>24.<br>23.<br>24.<br>24.  |
| 5   | 32. 2<br>31. 1<br>27. 9<br>28. 9<br>31. 9<br>31. 4<br>32. 4<br>31. 5<br>32<br>31. 7<br>31. 6<br>31. 9 | 22. 3<br>23<br>22. 4<br>21. 5<br>23. 9<br>23. 4<br>23. 6<br>23. 5<br>22. 7<br>22. 6<br>23. 9 | 27. 9<br>28. 2<br>30. 6<br>32. 7<br>32<br>31. 7<br>33. 5<br>31. 5<br>32. 5<br>31. 1<br>30. 1  | 22. 7<br>23. 6<br>22. 8<br>22. 8<br>22. 8<br>22. 23<br>22. 5<br>22. 5<br>22. 4<br>22. 1   | 27. 8<br>28. 5<br>30. 1<br>30. 7<br>30. 8<br>30. 6<br>30. 6<br>30. 1<br>29. 6<br>29. 7<br>30. 2   | 23. 4<br>22. 7<br>23. 2<br>22. 8<br>22<br>23. 4<br>22. 9<br>22. 7<br>22. 5<br>22. 7<br>22. 4   | 32. 4<br>30<br>31<br>32. 8<br>31. 6<br>33<br>32. 8<br>33<br>34<br>33. 6<br>32. 4<br>33. 6  | 24.6<br>25.8<br>24.6<br>24.6<br>24.2<br>26.4<br>26.4<br>25.5<br>24.8<br>25.6   | 30, 1<br>31<br>32, 9<br>33, 4<br>33, 4<br>33, 8<br>30, 6<br>33<br>33, 1  | 23. 6<br>21. 3<br>24<br>22. 7<br>23. 8<br>23. 3<br>24<br>23. 8<br>23. 9<br>24<br>23. 3  | 29.3<br>25.3<br>29.3<br>31.9<br>31.1<br>31.7<br>31.4<br>31.3<br>30.5<br>30.8   | 22. 3<br>22. 8<br>23. 2<br>22. 3<br>22. 5<br>24. 6<br>24. 8<br>24. 1<br>23. 8<br>24<br>25. 4  | 27.8<br>29.5<br>32<br>32.5<br>32.8<br>32.4<br>32.7<br>32.6<br>31.9<br>32.6<br>32.5   | 21. 29<br>20. 8<br>21. 8<br>22<br>22<br>21. 8<br>22<br>22<br>22<br>22<br>22, 3<br>22, 3  | 27. 1<br>29. 3<br>32. 9<br>31. 2<br>32. 2<br>31. 8<br>32. 4<br>32. 8<br>31. 8<br>32. 7<br>31. 6   | 22.<br>21.<br>23.<br>24.<br>23.<br>25.<br>24.<br>23.<br>24.<br>24.  |
| 5   | 32. 2<br>31. 1<br>27. 9<br>28. 9<br>31. 9<br>31. 4<br>32. 4<br>31. 5<br>32<br>31. 7<br>31. 6<br>31. 9 | 22. 3<br>23<br>22. 4<br>21. 5<br>23. 9<br>23. 4<br>23. 6<br>23. 5<br>22. 7<br>22. 6<br>23. 9 | 27. 9<br>28. 2<br>30. 6<br>32. 7<br>32<br>31. 7<br>33. 5<br>31. 5<br>31. 5<br>32. 5<br>31. 1<br>30. 1   | 22. 7<br>23. 6<br>22<br>22. 8<br>22. 8<br>22. 5<br>22. 5<br>22. 4<br>22. 1<br>22. 5   | 27. 8<br>28. 5<br>30. 1<br>30. 7<br>30. 8<br>30. 6<br>30. 6<br>29. 6<br>29. 7<br>30. 2<br>30. 1   | 23. 4<br>22. 7<br>23. 2<br>22. 8<br>22<br>23. 4<br>22. 9<br>22. 7<br>22. 5<br>22. 7<br>22. 4   | 32. 4<br>30<br>31<br>32. 8<br>31. 6<br>33<br>32. 8<br>33. 6<br>32. 4<br>33. 6<br>33. 6<br>33. 4                                  | 24.6<br>25.8<br>24.6<br>24.6<br>24.2<br>26.4<br>26.5<br>24.8<br>25.6<br>25.6   | 30. 1<br>31<br>32. 9<br>33. 4<br>33. 4<br>33. 4<br>33. 6<br>30. 6<br>33<br>33. 1<br>32. 9  | 23. 6<br>21. 3<br>24<br>22. 7<br>23. 8<br>23. 3<br>24<br>23. 8<br>23. 9<br>24<br>23. 3<br>22. 8   | 29.3<br>25.3<br>29.3<br>31.9<br>31.1<br>31.7<br>31.4<br>31.3<br>30.5<br>30.8   | 22. 3<br>22. 8<br>23. 2<br>22. 3<br>22. 5<br>24. 6<br>24. 8<br>24. 1<br>23. 8<br>24. 4<br>25. 4<br>23. 5  | 27.8<br>29.5<br>32.5<br>32.8<br>32.4<br>32.7<br>32.6<br>32.6<br>32.5<br>30.5   | 21. 27<br>20. 8<br>21. 8<br>22<br>21. 8<br>22<br>22<br>22<br>22<br>22<br>22, 3<br>22. 3<br>22. 3   | 27. 1<br>29. 3<br>32. 9<br>31. 2<br>32. 2<br>31. 8<br>32. 4<br>32. 8<br>32. 7<br>31. 6<br>30. 3   | 22.<br>21.<br>23.<br>24.<br>23.<br>25.<br>24.<br>23.<br>24.<br>24.<br>25.   |
| 5   | 32. 2<br>31. 1<br>27. 9<br>28. 9<br>31. 9<br>31. 4<br>32. 4<br>31. 5<br>32<br>31. 7<br>31. 6<br>31. 9 | 22. 3<br>23<br>22. 4<br>21. 5<br>23. 9<br>23. 4<br>23. 6<br>23. 5<br>22. 7<br>22. 6<br>23. 9 | 27. 9<br>28. 2<br>30. 6<br>32. 7<br>31. 7<br>33. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 1<br>30<br>31. 5   | 22. 7<br>23. 6<br>22. 8<br>22. 8<br>22. 8<br>22. 5<br>22. 5<br>22. 4<br>22. 4<br>22. 1<br>22. 5<br>21. 5                            | 27. 8<br>28. 5<br>30. 1<br>30. 7<br>30. 8<br>30. 6<br>30. 6<br>30. 1<br>29. 7<br>30. 2<br>30. 1<br>30. 2  | 23. 4<br>22. 7<br>23. 2<br>22. 8<br>22<br>23. 4<br>22. 9<br>22. 7<br>22. 5<br>22. 7  | 32. 4<br>30<br>31<br>32. 8<br>31. 6<br>33. 8<br>32. 8<br>33. 6<br>32. 4<br>33. 6<br>33. 4<br>33. 6                               | 24.6<br>25.8<br>24.6<br>24.6<br>24.6<br>25.5<br>24.8<br>25.6<br>25.6<br>25.8   | 30. 1<br>31<br>32. 9<br>33. 4<br>33. 4<br>33. 8<br>30. 6<br>33<br>33. 1<br>32. 9<br>30. 7  | 23. 6<br>21. 3<br>24<br>22. 7<br>23. 8<br>23. 3<br>24<br>23. 8<br>23. 9<br>24<br>23. 8<br>23. 9<br>24. 23. 8<br>23. 9                                 | 29.3<br>25.3<br>29.3<br>31.9<br>31.7<br>31.4<br>31.3<br>31.4<br>30.5<br>30.8<br>31.1<br>30.6   | 22. 3<br>22. 8<br>23. 2<br>22. 3<br>22. 5<br>24. 6<br>24. 8<br>24. 1<br>23. 8<br>24. 4<br>25. 4<br>23. 5<br>23. 4   | 27.8<br>29.5<br>32.5<br>32.4<br>32.4<br>32.7<br>32.6<br>31.9<br>32.6<br>32.5<br>32.7   | 21. 27<br>20. 8<br>21. 8<br>22<br>21. 8<br>22<br>22<br>22<br>22<br>22<br>22. 3<br>22. 3<br>22. 3   | 27. 1<br>29. 3<br>32. 9<br>31. 2<br>32. 2<br>31. 8<br>32. 4<br>32. 8<br>31. 8<br>32. 8<br>31. 6<br>30. 3<br>32. 3   | 22.<br>21.<br>23.<br>24.<br>25.<br>24.<br>24.<br>25.<br>24.<br>25.<br>24.   |
| 5 6 6 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 | 32. 2<br>31. 1<br>27. 9<br>28. 9<br>31. 9<br>31. 4<br>32. 4<br>31. 5<br>32<br>31. 7<br>31. 6<br>31. 9 | 22. 3<br>23<br>22. 4<br>21. 5<br>23. 9<br>23. 4<br>23. 6<br>23. 5<br>22. 7<br>22. 6<br>23. 9 | 27. 9<br>28. 2<br>30. 6<br>32. 7<br>32<br>31. 7<br>33. 5<br>31. 5<br>32. 5<br>31. 1<br>30. 1<br>30. 1<br>31. 5<br>31. 5   | 22. 7<br>23. 6<br>22<br>22. 8<br>22. 8<br>22<br>23<br>22. 5<br>22<br>22. 4<br>22. 1<br>22. 5<br>21. 5<br>21. 5<br>22. 3             | 27. 8<br>28. 5<br>30. 1<br>30. 7<br>30. 8<br>30. 6<br>30. 6<br>30. 1<br>29. 6<br>29. 7<br>30. 2<br>30. 2<br>30. 3                                     | 23. 4<br>22. 7<br>23. 2<br>22. 8<br>22. 4<br>22. 9<br>22. 7<br>22. 5<br>22. 7<br>22. 4<br>22. 5<br>22. 5<br>22. 5<br>22. 5                   | 32. 4<br>30<br>31<br>32. 8<br>31. 6<br>32. 8<br>32. 8<br>33. 6<br>32. 4<br>33. 6<br>33. 6<br>33. 6<br>33. 6<br>32. 4             | 24. 6<br>25<br>23. 8<br>24. 6<br>24. 6<br>24. 26. 4<br>26. 4<br>25. 5<br>24. 8<br>25. 6<br>25. 6<br>25. 8  | 30. 1<br>31<br>32. 9<br>33. 4<br>33. 4<br>33. 8<br>30. 6<br>33<br>33. 1<br>32. 9<br>32. 4  | 23. 6<br>21. 3<br>24<br>22. 7<br>23. 8<br>23. 8<br>23. 9<br>24<br>23. 3<br>22. 8<br>23. 7<br>23. 7  | 29.3<br>25.3<br>29.3<br>31.1<br>31.7<br>31.4<br>31.3<br>30.5<br>30.8<br>31<br>30.6<br>30.9   | 22. 3<br>22. 8<br>23. 2<br>22. 3<br>24. 6<br>24. 8<br>24. 1<br>23. 8<br>24<br>25. 4<br>25. 4<br>23. 4<br>24. 2  | 27.8<br>29.5<br>32.5<br>32.4<br>32.7<br>32.6<br>31.9<br>32.6<br>32.5<br>30.5<br>30.5<br>32.7   | 21. 27<br>20. 8<br>21. 8<br>22<br>21. 8<br>22<br>22<br>22<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 5<br>22. 8                            | 27. 1<br>29. 3<br>32. 9<br>31. 2<br>32. 8<br>32. 4<br>32. 8<br>31. 8<br>32. 7<br>31. 6<br>30. 3<br>32. 3  | 22.<br>21.<br>23.<br>24.<br>25.<br>24.<br>24.<br>25.<br>24.<br>24.<br>25.   |
| 5 6 6 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 | 32. 2<br>31. 1<br>27. 9<br>28. 9<br>31. 9<br>31. 4<br>32. 4<br>31. 5<br>32<br>31. 7<br>31. 6<br>31. 9 | 22. 3<br>23<br>22. 4<br>21. 5<br>23. 9<br>23. 4<br>23. 6<br>23. 5<br>22. 7<br>22. 6<br>23. 9 | 27. 9<br>28. 2<br>30. 6<br>32. 7<br>32<br>31. 5<br>31. 5<br>31. 5<br>32. 5<br>31. 1<br>30. 1<br>30. 1<br>31. 5<br>31. 8   | 22. 7<br>23. 6<br>22. 8<br>22. 8<br>22. 5<br>22. 5<br>22. 22<br>22. 4<br>22. 1 5<br>21. 5<br>22. 3<br>21. 7                         | 27. 8<br>28. 5<br>30. 7<br>30. 8<br>30. 6<br>30. 6<br>30. 6<br>29. 7<br>30. 2<br>30. 1<br>30. 2<br>30. 3  | 23. 4<br>22. 7<br>23. 2<br>22. 8<br>22. 23. 4<br>22. 9<br>22. 7<br>22. 4<br>22. 5<br>22. 7<br>22. 5<br>22. 7<br>22. 5<br>22. 2               | 32. 4<br>30<br>31. 6<br>32. 8<br>33. 6<br>32. 4<br>33. 6<br>32. 4<br>33. 6<br>32. 4<br>33. 6<br>32. 6                            | 24. 6<br>25 23. 8<br>24. 6<br>24. 6<br>26. 4<br>26. 4<br>26. 5<br>25. 6<br>25. 6<br>25. 8<br>26. 6<br>25. 8  | 30.1<br>31<br>32.9<br>33.4<br>33.4<br>33.8<br>33.8<br>33.1<br>32.9<br>30.7<br>32.4<br>33.3   | 23. 6<br>21. 3<br>24<br>22. 7<br>23. 8<br>23. 9<br>24. 23. 8<br>23. 9<br>24. 23. 3<br>22. 8<br>23. 7<br>23. 1<br>23. 1                                | 29.3<br>25.3<br>29.3<br>31.1<br>31.7<br>31.4<br>31.3<br>30.4<br>30.5<br>30.6<br>30.9<br>31.4   | 22. 3<br>22. 8<br>23. 2<br>22. 3<br>22. 5<br>24. 6<br>24. 1<br>23. 8<br>24<br>25. 4<br>23. 5<br>24. 2<br>23. 5<br>24. 2<br>24. 2  | 27.8<br>29.5<br>32.5<br>32.8<br>32.4<br>32.7<br>32.6<br>32.5<br>30.5<br>32.5<br>32.4<br>32.5   | 21. 27<br>20. 8<br>21. 8<br>22<br>21. 8<br>22<br>22<br>22. 3<br>22. 3<br>22. 5<br>22. 5<br>22. 3   | 27. 1<br>29. 3<br>32. 9<br>31. 2<br>32. 2<br>31. 8<br>32. 4<br>32. 8<br>31. 8<br>32. 7<br>31. 6<br>30. 3<br>32. 3<br>32. 3  | 22.<br>21.<br>23.<br>24.<br>23.<br>25.<br>24.<br>24.<br>25.<br>24.<br>24.<br>23.<br>23.                             |
| 5 6 6 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 | 32. 2<br>31. 1<br>27. 9<br>28. 9<br>31. 9<br>31. 4<br>32. 4<br>31. 5<br>32<br>31. 7<br>31. 6<br>31. 9 | 22. 3<br>23<br>22. 4<br>21. 5<br>23. 9<br>23. 4<br>23. 6<br>23. 5<br>22. 7<br>22. 6<br>23. 9 | 27. 9<br>28. 2<br>30. 6<br>32. 7<br>31. 7<br>33. 5<br>31. 5<br>31. 5<br>31. 1<br>30. 1<br>30. 31. 5<br>31. 5<br>31. 5   | 22. 7<br>23. 6<br>22. 8<br>22. 8<br>22. 5<br>22. 5<br>22. 22<br>22. 4<br>22. 1 5<br>21. 5<br>22. 3<br>21. 7                         | 27. 8<br>28. 5<br>30. 1<br>30. 7<br>30. 8<br>30. 6<br>30. 6<br>30. 1<br>29. 6<br>30. 2<br>30. 1<br>30. 2<br>30. 3<br>29. 7                            | 23. 4<br>22. 7<br>23. 2<br>22. 8<br>22. 9<br>22. 7<br>22. 5<br>22. 7<br>22. 5<br>22. 2<br>23. 4<br>22. 7<br>22. 4<br>22. 7<br>22. 5<br>22. 2 | 32. 4<br>30<br>31. 6<br>32. 8<br>33. 6<br>32. 4<br>33. 6<br>32. 4<br>33. 6<br>32. 4<br>33. 6<br>32. 6                            | 24. 6<br>25 8 24. 8<br>24. 6<br>24 26. 4<br>26. 4<br>25. 5<br>24. 8<br>25. 6<br>25. 6<br>25. 8<br>25. 6<br>25. 8   | 30. 1<br>31<br>32. 9<br>33. 4<br>33. 4<br>33. 8<br>30. 6<br>33. 1<br>32. 9<br>30. 7<br>32. 4<br>33. 33. 5                              | 23. 6<br>21. 3<br>24. 7<br>23. 8<br>23. 3<br>24. 23. 8<br>23. 9<br>24. 23. 3<br>22. 7<br>23. 1<br>23. 1<br>22. 9                                      | 29. 3<br>25. 3<br>29. 3<br>31. 1<br>31. 7<br>31. 4<br>30. 5<br>30. 8<br>31. 4<br>30. 5<br>30. 8<br>30. 9<br>31. 4<br>30. 5                   | 22. 8<br>22. 8<br>23. 2<br>22. 3<br>24. 6<br>24. 8<br>24. 1<br>23. 8<br>24. 2<br>25. 4<br>25. 4<br>24. 2<br>24. 2<br>24. 2<br>24. 2   | 27.8<br>29.5<br>32.3<br>32.5<br>32.4<br>32.7<br>32.6<br>31.9<br>32.5<br>30.5<br>32.7<br>33.4<br>31.9<br>32.5<br>32.7<br>33.4<br>31.9 | 21. 22<br>20. 8<br>21. 8<br>22<br>22<br>21. 8<br>22<br>22<br>22. 3<br>22. 3<br>22. 5<br>22. 8<br>22. 8<br>22. 8<br>22. 5                   | 27. 1<br>29. 3<br>31. 29. 3<br>31. 2<br>32. 2<br>31. 8<br>32. 4<br>32. 8<br>31. 8<br>31. 8<br>31. 6<br>30. 3<br>32. 3<br>32. 3<br>32. 3   | 22.<br>21.<br>23.<br>24.<br>25.<br>24.<br>24.<br>25.<br>24.<br>24.<br>23.<br>23.<br>22.                             |
| 5 6 6 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 | 32. 2<br>31. 1<br>27. 9<br>28. 9<br>31. 9<br>31. 4<br>32. 4<br>31. 5<br>32<br>31. 7<br>31. 6<br>31. 9 | 22. 3<br>23<br>22. 4<br>21. 5<br>23. 9<br>23. 4<br>23. 6<br>23. 5<br>22. 7<br>22. 6<br>23. 9 | 27. 9<br>28. 2<br>30. 6<br>32. 7<br>31. 5<br>31. 5<br>31. 5<br>31. 1<br>30. 1<br>30. 1<br>31. 5<br>31. 5<br>31. 5   | 22. 7<br>23. 6<br>22. 8<br>22. 8<br>22. 5<br>22. 5<br>22. 22<br>22. 4<br>22. 1<br>22. 1<br>22. 3<br>21. 7<br>23. 4                  | 27. 8<br>28. 5<br>30. 1<br>30. 6<br>30. 6<br>30. 6<br>30. 1<br>29. 6<br>29. 7<br>30. 2<br>30. 3<br>29. 7<br>30. 2                                     | 23. 4<br>22. 7<br>23. 2<br>22. 8<br>22. 23. 4<br>22. 9<br>22. 7<br>22. 4<br>22. 5<br>22. 7<br>22. 5<br>22. 7<br>22. 5<br>22. 2               | 32. 4<br>30<br>31. 6<br>32. 8<br>33. 6<br>32. 4<br>33. 6<br>32. 4<br>33. 6<br>32. 4<br>33. 6<br>32. 6                            | 24. 6<br>25 23. 8<br>24. 6<br>24. 6<br>26. 4<br>26. 4<br>26. 5<br>25. 6<br>25. 6<br>25. 8<br>26. 6<br>25. 8  | 30. 1<br>31. 32. 9<br>33. 4<br>33. 4<br>33. 4<br>33. 8<br>30. 6<br>33. 1<br>32. 9<br>30. 7<br>32. 9<br>30. 7<br>32. 9<br>30. 5         | 23. 6<br>21. 3<br>24. 7<br>23. 8<br>23. 3<br>24. 23. 8<br>23. 9<br>24. 23. 3<br>22. 8<br>23. 7<br>23. 7<br>23. 1                                      | 29.3<br>25.3<br>29.3<br>31.1<br>31.7<br>31.4<br>31.3<br>30.4<br>30.5<br>30.6<br>30.9<br>31.4   | 22. 3<br>22. 8<br>23. 2<br>22. 3<br>22. 5<br>24. 6<br>24. 1<br>23. 8<br>24<br>25. 4<br>23. 5<br>24. 2<br>23. 5<br>24. 2<br>24. 2  | 27.8<br>29.5<br>32.5<br>32.8<br>32.4<br>32.7<br>32.6<br>32.5<br>30.5<br>32.5<br>32.4<br>32.5   | 21. 27<br>20. 8<br>21. 8<br>22<br>21. 8<br>22<br>22<br>22. 3<br>22. 3<br>22. 5<br>22. 5<br>22. 3   | 27. 1<br>29. 3<br>31. 29. 3<br>31. 2<br>32. 2<br>31. 8<br>32. 4<br>32. 8<br>31. 8<br>32. 7<br>31. 6<br>30. 3<br>32. 3<br>32. 9<br>32. 3<br>25. 3<br>25. 5   | 22.<br>21.<br>23.<br>24.<br>25.<br>24.<br>25.<br>24.<br>25.<br>24.<br>23.<br>22.<br>23.                             |
| 5 6 6 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 | 32. 2<br>31. 1<br>27. 9<br>28. 9<br>31. 9<br>31. 4<br>32. 4<br>31. 5<br>32<br>31. 7<br>31. 6<br>31. 9 | 22. 3<br>23<br>22. 4<br>21. 5<br>23. 9<br>23. 4<br>23. 6<br>23. 5<br>22. 7<br>22. 6<br>23. 9 | 27. 9<br>28. 2<br>30. 6<br>32. 7<br>32. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5  | 22. 7<br>23. 6<br>22. 8<br>22. 8<br>22. 22<br>23<br>22. 5<br>22. 5<br>21. 7<br>23. 4<br>23. 7                                       | 27. 8<br>28. 5<br>30. 1<br>30. 6<br>30. 6<br>30. 6<br>30. 1<br>29. 6<br>29. 7<br>30. 2<br>30. 3<br>29. 7<br>30. 2                                     | 23. 4<br>22. 7<br>23. 2<br>22. 8<br>22. 9<br>22. 7<br>22. 5<br>22. 7<br>22. 5<br>22. 2<br>23. 1<br>22. 9<br>22. 5<br>22. 3<br>22. 3          | 32. 4<br>30<br>31. 6<br>32. 8<br>32. 8<br>33. 6<br>32. 8<br>33. 6<br>33. 6<br>33. 6<br>33. 6<br>32. 8<br>32. 8                   | 24. 6<br>25. 8<br>24. 6<br>24. 6<br>26. 4<br>26. 25. 5<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25 | 30. 1<br>31. 32. 9<br>33. 4<br>33. 4<br>33. 33. 4<br>33. 33. 1<br>32. 1<br>32. 4<br>33. 3<br>33. 5                                     | 23. 6<br>21. 3<br>24. 22. 7<br>23. 8<br>23. 3<br>24. 23. 8<br>23. 9<br>24. 23. 3<br>22. 8<br>23. 7<br>23. 1<br>22. 9<br>23. 8                         | 29. 3<br>25. 3<br>29. 3<br>31. 9<br>31. 1<br>31. 7<br>31. 4<br>31. 3<br>31. 4<br>30. 5<br>30. 8<br>31. 4<br>30. 5<br>30. 9<br>31. 4          | 22. 8<br>22. 8<br>23. 2<br>22. 3<br>22. 5<br>24. 6<br>24. 1<br>23. 8<br>24<br>25. 4<br>25. 4<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>25. 4<br>24. 2   | 27.8<br>29.5<br>32.5<br>32.8<br>32.4<br>32.7<br>32.6<br>31.9<br>32.5<br>30.5<br>32.7<br>33.4<br>31.3                                 | 21. 27<br>20. 8<br>21. 8<br>22<br>21. 8<br>22<br>22<br>22. 3<br>22. 3<br>22. 3<br>22. 5<br>22. 8<br>22. 3<br>22. 5<br>22. 8<br>22. 3       | 27. 1<br>29. 3<br>31. 2<br>32. 2<br>31. 8<br>32. 8<br>31. 8<br>32. 8<br>31. 8<br>32. 7<br>31. 6<br>30. 3<br>32. 9<br>32. 8<br>32. 3<br>32. 4<br>25. 4<br>26. 5  | 22.<br>21.<br>23.<br>24.<br>25.<br>24.<br>25.<br>24.<br>25.<br>24.<br>23.<br>23.<br>23.<br>23.<br>23.<br>23.<br>23. |
| 5   | 32. 2<br>31. 1<br>27. 9<br>28. 9<br>31. 9<br>31. 4<br>32. 4<br>31. 5<br>32<br>31. 7<br>31. 6<br>31. 9 | 22. 3<br>23<br>22. 4<br>21. 5<br>23. 9<br>23. 4<br>23. 6<br>23. 5<br>22. 7<br>22. 6<br>23. 9 | 27. 9<br>28. 2<br>30. 6<br>32. 7<br>31. 5<br>31. 5<br>31. 5<br>31. 1<br>30. 1<br>30. 1<br>31. 5<br>31. 5<br>31. 5   | 22. 7<br>23. 6<br>22. 8<br>22. 8<br>22. 5<br>22. 5<br>22. 22<br>22. 4<br>22. 1<br>22. 1<br>22. 3<br>21. 7<br>23. 4                  | 27. 8<br>28. 5<br>30. 1<br>30. 7<br>30. 8<br>30. 6<br>30. 6<br>30. 1<br>29. 6<br>30. 2<br>30. 2<br>30. 3<br>29. 7<br>30. 2<br>30. 3                   | 23. 4<br>22. 7<br>23. 2<br>22. 8<br>22. 9<br>22. 7<br>22. 5<br>22. 7<br>22. 5<br>22. 2<br>23. 4<br>22. 7<br>22. 4<br>22. 7<br>22. 5<br>22. 2 | 32. 4<br>30<br>31. 6<br>32. 8<br>33. 6<br>32. 4<br>33. 6<br>32. 4<br>33. 6<br>32. 4<br>33. 6<br>32. 6                            | 24. 6<br>25. 8<br>24. 6<br>24. 6<br>26. 4<br>26. 4<br>26. 25. 5<br>26. 6<br>25. 6<br>25. 6<br>25. 4<br>23. 6<br>23. 5<br>23. 8   | 30. 1<br>31. 9<br>33. 4<br>33. 4<br>33. 8<br>30. 6<br>33<br>33. 1<br>32. 9<br>30. 7<br>32. 4<br>33. 3<br>33. 5<br>27. 1<br>27. 9       | 23. 6<br>21. 3<br>24<br>22. 7<br>23. 8<br>23. 3<br>24<br>23. 8<br>23. 9<br>24<br>23. 3<br>22. 8<br>23. 7<br>23. 1<br>23. 1<br>23. 6<br>23. 6<br>23. 7 | 29. 3<br>25. 3<br>29. 3<br>31. 9<br>31. 1<br>31. 7<br>31. 4<br>31. 3<br>30. 5<br>30. 9<br>31. 4<br>30. 5<br>24. 8<br>26. 8<br>29. 9          | 22. 8<br>22. 8<br>23. 2<br>22. 5<br>24. 6<br>24. 1<br>23. 8<br>24. 2<br>25. 4<br>24. 2<br>23. 5<br>24. 2<br>23. 4<br>24. 2<br>21. 8<br>22. 5<br>24. 1<br>23. 5<br>24. 2<br>22. 5<br>24. 1<br>23. 5<br>24. 2<br>25. 5<br>24. 2<br>25. 5<br>24. 2<br>25. 5<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2 | 27. 8<br>29. 5<br>32. 5<br>32. 8<br>32. 4<br>32. 7<br>31. 9<br>32. 6<br>32. 5<br>30. 5<br>32. 7<br>33. 4<br>31. 3<br>27              | 21. 27<br>20. 8<br>21. 8<br>22<br>22<br>21. 8<br>22<br>22<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3 | 7 27. 1<br>29. 3<br>32. 9<br>31. 2<br>31. 8<br>32. 2<br>31. 8<br>32. 8<br>31. 6<br>30. 3<br>32. 7<br>31. 6<br>30. 3<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. | 22.<br>21.<br>23.<br>24.<br>25.<br>24.<br>25.<br>24.<br>25.<br>24.<br>23.<br>23.<br>23.<br>22.<br>23.               |
| 5   | 32. 2<br>31. 1<br>27. 9<br>28. 9<br>31. 9<br>31. 4<br>32. 4<br>31. 5<br>32<br>31. 7<br>31. 6<br>31. 9 | 22. 3<br>23<br>22. 4<br>21. 5<br>23. 9<br>23. 4<br>23. 6<br>23. 5<br>22. 7<br>22. 6<br>23. 9 | 27. 9<br>28. 2<br>30. 6<br>32. 7<br>32. 7<br>33. 5<br>31. 5<br>31. 5<br>31. 1<br>30. 1<br>30. 1<br>31. 5<br>31. 5<br>31. 6<br>31. 5<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6 | 22. 7<br>23. 6<br>22. 8<br>22. 8<br>22. 5<br>22. 5<br>22. 4<br>22. 1<br>22. 5<br>21. 5<br>22. 3<br>21. 7<br>23. 4<br>23. 4<br>24. 2 | 27. 8<br>28. 5<br>30. 1<br>30. 7<br>30. 8<br>30. 6<br>30. 6<br>30. 1<br>29. 6<br>29. 7<br>30. 2<br>30. 1<br>30. 2<br>30. 2<br>30. 3<br>29. 7<br>20. 2 | 23. 4<br>22. 7<br>22. 2<br>22. 8<br>22. 4<br>22. 7<br>22. 5<br>22. 7<br>22. 5<br>22. 7<br>22. 5<br>22. 2<br>23. 1<br>23. 3<br>24. 2          | 32. 4<br>30<br>31. 6<br>32. 8<br>31. 6<br>32. 4<br>33. 6<br>32. 4<br>33. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 8 | 24. 6<br>25. 8<br>24. 6<br>24. 6<br>24. 6<br>26. 5<br>25. 6<br>25. 6<br>25. 6<br>25. 4<br>23. 6<br>23. 6<br>23. 8  | 30. 1<br>31. 32. 9<br>33. 4<br>33. 4<br>33. 33. 4<br>33. 33. 1<br>32. 9<br>30. 7<br>32. 4<br>33. 3<br>33. 5<br>30. 5<br>27. 1<br>27. 9 | 23. 6<br>21. 3<br>24. 22. 7<br>23. 8<br>23. 3<br>24. 23. 8<br>23. 9<br>24. 23. 3<br>22. 8<br>23. 7<br>23. 1<br>22. 9<br>23. 8                         | 29. 3<br>25. 3<br>29. 3<br>31. 9<br>31. 1<br>31. 7<br>31. 4<br>30. 5<br>30. 8<br>31. 4<br>30. 5<br>30. 9<br>31. 4<br>30. 5<br>24. 8<br>26. 8 | 22. 8<br>22. 8<br>23. 2<br>22. 3<br>22. 5<br>24. 6<br>24. 1<br>23. 8<br>24<br>25. 4<br>25. 4<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>24. 2<br>25. 4<br>24. 2   | 27. 8<br>29. 5<br>32. 5<br>32. 8<br>32. 4<br>32. 7<br>31. 9<br>32. 6<br>32. 5<br>30. 5<br>32. 7<br>33. 4<br>31. 3<br>27              | 21. 27<br>20. 8<br>21. 8<br>22<br>21. 8<br>22<br>22. 22<br>22. 3<br>22. 3<br>22. 3<br>22. 5<br>22. 8<br>22. 3<br>22. 5<br>20. 4            | 27. 1<br>29. 3<br>31. 2<br>32. 2<br>31. 8<br>32. 8<br>31. 8<br>32. 8<br>31. 8<br>32. 7<br>31. 6<br>30. 3<br>32. 9<br>32. 8<br>32. 3<br>32. 4<br>25. 4<br>26. 5  | 22.<br>21.<br>23.<br>24.<br>25.<br>24.<br>25.<br>24.<br>25.<br>24.<br>23.<br>23.<br>22.<br>23.<br>23.               |

# METEOROLOGICAL BULLETIN.

Maximum and minimum temperatures at the stations of the Weather Bureau, June, 1918—Continued.

|          |   | nay,<br>am.  | Cala   | ipan.  | Vir  | ac. a  | Na   | ıga.  | Tig   | aon.   | Bata  | ingas.  | Luc   | cena.   | Atin  | onan   |
|----------|---|--|--|--|--|--|--|---|---|--|---|---|---|---|---|--|
| Day.     |   | 1  | Ì  | 1  |  |  |  |   |   | i  |   | i   |   | 1   | ·   | 1  |
|          | Maxi-<br>mum.   |  | Maxi-<br>mum.  |  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   |   |   | Min  |
|          | °C.   | °C.  | °C.  | °C.  | ° <i>C</i> .   | ∘ <i>C</i> .   | °C.  | $^{\circ}C.$  | ∘ <i>C</i> .  | °C.  | °C.   | ° <i>C</i> .  | °C.   | °C.   | °C.   | °C   |
| 12       | 29.6<br>30  | 25.2<br>24.2   | 32<br>33.5   | 21.2   | 33. 6<br>33. 1   | 22.1<br>22   | 34. 5<br>32. 1   | 20. 4<br>20. 6  | 33. 7<br>31. 9  | 22.5<br>21.6   | 34.3<br>33.5  | 24.4  | 31.4<br>28.8  | 24.5<br>22.7  | 31. 7<br>30. 9  | 24.9   |
| 3        | 29.6  | 24.2   | 32.6   | 23   | 32.8   | 21.2   | 33.4   | 19  | 31.2  | 21.2   | 33.1  | 23.1  | 30.9  | 23.4  | 32.4  | 23.8   |
| 4        | 29.8<br>30.2?   | 25.6   | 32.5   | 23.5<br>23.5   | 29.2   | 21.5   | 33   | 20.6<br>20  | 30.4  | 22.4   | 34.6  | 23.3  | 32.4  | 23.4  | 32.2  | 23.  |
| 5<br>6   | 29.8  | 25. 4<br>25. 6   | 32, 9<br>30, 6   | 23.5   | 31<br>31.6   | 21.6<br>21.8   | 31<br>32.5   | 20.5  | 29. 9<br>31. 4  | 21. 1<br>21. 9   | 32. 4<br>29. 9  | 23.3<br>23.2  | 31<br>30.2  | 23.5<br>22.6  | 31.7<br>28.9  | 24.<br>23.   |
| 7        | 31  | 26   | 32.5   | 22.5   | 31.8   | 21, 2  | 33.2   | 21.3  | 32.2  | 23.2   | 31.9  | 23.6  | 30.4  | 23.6  | 32.1  | 23.  |
| 8<br>9   | 30. 6<br>30. 2  | 24. 4<br>23. 4   | 32. 4<br>32. 5   | 22.8<br>22   | 32. 2<br>32. 6   | 21.8<br>21.3   | 34.1   | 20.8<br>20  | 31. 4<br>31. 6  | 21. 4<br>20. 4   | 31.8<br>32.8  | 23.6<br>22.4  | 31<br>32  | 25. 5<br>23   | 32.6<br>30.3  | 24.<br>23.   |
| 0        | 31  | 24.6   | 32   | 23.6   | 28.3   | 21.5   | 30.3   | 21.2  | 27.8  | 22.3   | 32.4  | 24.8  | 32  | 23.2  | 31.2  | 23.  |
| 1        | 30.8<br>31  | 24.2<br>25.8   | 32<br>32   | 22.5<br>22   | 30.5<br>32.4   | 21<br>21.4   | 32.3<br>33.7   | 20.4<br>21.7  | 29.7<br>31.8  | 21. 2<br>22. 6   | 31. 4<br>31. 8  | 23.8<br>22.4  | 30.3<br>30.6  | 21. 9<br>22   | 30.6  | 23.<br>23.   |
| 3        | 31  | 24.8   | 32   | 22   | 33.3   | 23   | 33.8   | 22.2  | 31  | 22.1   | 31.8  | 23.3  | 32  | 23.7  | 34.2  | 23.  |
| .4<br>.5 | 31<br>31  | 24. 4<br>23. 6   | 32<br>32, 3  | 22.4<br>23.5   | 32. 7<br>33. 5   | 21.6<br>21.7   | 34.2<br>34.9   | 20<br>21. 5   | 32.1<br>31.8  | 22. 1<br>22. 7   | 34. 5<br>33. 8  | 23.8<br>24.1  | 30  | 24<br>23. 5   | 32.7  | 23.  |
| .6       | 31.2  | 23.6   | 33   | 23.5   | 33. 3  | 21.6   | 34.5   | 20. 9   | 32.5  | 23.1   | 33.5  | 23.6  | 28.5<br>34.5  | 23.3  | 31.8<br>31.9  | 23.<br>24  |
| 7        | 30.6  | 26   | 31.6   | 23.3   | 32.8   | 22.3   | 34   | 20.1  | 32.6  | 22.3   | 32.9  | 24.8  | 32.2  | 23.2  | 32.5  | 23.  |
| 8        | 30. 6?<br>31. 4   | 26<br>25.8   | 33<br>32.6   | 24<br>24.1   | 33.6<br>33.5   | 21.2   | 34. 5<br>35. 4   | 20. 7<br>20. 5  | 31.6<br>31.4  | 22.5<br>23.2   | 33.5<br>34.2  | 24.2<br>24.3  | 34<br>32  | 23.4<br>23.4  | 31.3<br>32.7  | 24<br>23.  |
| 0        | 31?   | 26.2   | 32.5   | 23.5   | 33.5   | 22   | 34.1   | 20.4  | 31.4  | 22.6   | 33.6  | 24.2  | 32  | 24.1  | 32.4  | 24.  |
| 1<br>2   |   | 25.8<br>25.4   | 32.6<br>30.2   | 23.5<br>23   | 30. 8<br>32. 5   | 21<br>21.3   | 33<br>34. 1  | 20.6<br>21  | 31.4<br>33.2  | 22.1<br>22.4   | 33. 7<br>32. 2  | 23. 4<br>23. 7  | 27.5<br>28.5  | 23.6<br>23.8  | 31. 4<br>28. 8  | 23.<br>23.   |
| 3        | 31  | 23   | 32.8   | 23   | 32.3   | 21   | 34   | 20.1  | 32.1  | 22.3   | 34.2  | 22.9  | 31.6  | 23.3  | 32.8  | 23.  |
| 5        | 30<br>30  | 23. 6<br>23. 8   | 32.5<br>33.1   | 22.°5<br>22.1  | 32.8<br>33.2   | 20.8<br>20.6   | 35. 4<br>34  | 19.6<br>20.4  | 32.8<br>32.8  | 21.5<br>19.9   | 35. 2<br>33. 2  | 22.8  | 32.2  | 22.6  | 32.4  | 22.  |
| 3        | 29.6  | 23.4   | 31.4   | 22.7   | 26.8   | 21   | 25. 5  | 19.6  | 28.4  | 20.1   | 32.7  | 23<br>22.7  | 33.8<br>26.7  | 22.4<br>22.7  | 33.3<br>29.8  | 23.<br>23.   |
|          | 29. 6   | 24   | 32.5   | 23   | 27   | 21.2   | 27.2   | 21.1  | 27.4  | 21.8   | 27.5  | 25  | 27.4  | 23.1  | 28.7  | 23.  |
| )        | 30. 4<br>30. 2  | 25<br>24.8   | 29<br>27. 9  | 24.1<br>23   | 26.6<br>29.5   | 21<br>21.3   | 27.5<br>28   | 22<br>22.7  | 25.8<br>27.4  | 21<br>23.3   | 27.4  | 24. 1<br>23. 9  | 24.4  | 23.6<br>23.5  | 26.6<br>25.7  | 23.<br>23.   |
| )        | 30.4  | 24.6   | 30.6   | 22.1   | 30. 4  | 22   | 30.1   | 22.6  | 29.1  | 23.5   |   |   | 28. 9   | 22.2  | 29. 9   | 24.  |
| Mean     | 30. 5   | 24.7   | 32   | 22. 9  | 31.6   | 21.5   | 32. 6  | 20.8  | 30, 9   | 22   | 32.6  | 23.6  | 30. 4   | 23.3  | 31. 2   | 23.  |
|          |   |  |  |  |  |  | i .  |   |   |  |   |   |   |   | 1   |  |
| ± .      |   | ılong,<br>ıuan.  |  | ıbang,<br>mba.   | Para   | cale.  |  | Cruz,<br>una.   | Mai   | nila.  | Anti  | polo.   | n   | oa.   | San I   | sidro  |
| Day.     | Tana  | uan.   | Cala   | mba.   |  | , <del></del>  | Lag  | una.  |   |  |   |   |   | oa.   | San I   |  |
| Day.     |   | uan.<br>Mini-  |  |  | Para<br>Maxi-<br>mum.  | Mini-  | Lag<br>Maxi-   | una.<br>Mini-   | Maxi-<br>mum.   | Mini-  | Anti<br>Maxi-<br>mum.   |   | Maxi-   | Mini-   | San I<br>Maxi-<br>mum.  | Mir  |
|          | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Lag<br>Maxi-   | una.<br>Mini-   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mii<br>mu  |
|          | Maximum.  | Mini-<br>mum.<br>°C.<br>24. 9  | Maximum.   | Minimum.  °C. 23.2   | Maximum.   | Mini-<br>mum.<br>°C.<br>23   | Maximum.   | Mini-<br>mum.<br>°C.<br>23.2  | Maximum.  | Mini-<br>mum.<br>°C.<br>23.2   | Maximum.  | Minimum.  | Maximum.  | Mini-<br>mum.<br>°C.<br>23.9  | Maximum.  | Min<br>mu<br>°(<br>23.   |
|          | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.<br>°C.<br>23.2<br>22.2   | Maxi-<br>mum.<br>°C.<br>31.2<br>31.4   | Mini-<br>mum.<br>°C.<br>23<br>23.2   | Maxi-<br>mum.<br>°C.<br>33<br>34, 3  | Mini-<br>mum.<br>°C.<br>23. 2   | Maxi-<br>mum.<br>°C.<br>33.2<br>33.5  | Mini-<br>mum.<br>°C.<br>23.2<br>23.4   | Maxi-<br>mum.<br>°C.<br>34.2<br>33.5  | Mini-<br>mum.<br>°C.<br>21.5<br>21.6  | Maxi-<br>mum.<br>°C.<br>33.3<br>33.3  | Mini-<br>mum.<br>°C.<br>23. 9<br>23. 9  | Maxi-<br>mum.<br>°C.<br>34.1  | Min<br>mu<br>°(<br>23.<br>23   |
|          | Maximum.  °C. 34 36.2 35.3 35.3   | Mini-<br>mum.<br>°C.<br>24. 9<br>23. 8<br>24<br>25   | Cala<br>Maxi-<br>mum.<br>°C.<br>31. 9<br>34<br>33. 4<br>32. 2  | Mini-<br>mum.<br>°C.<br>23.2<br>22.2<br>22.3<br>23.2   | Maximum.  °C. 31.2 31.4 31.2 31.2  | Mini-<br>mum.<br>°C.<br>23<br>23.2<br>22.6<br>24.7   | Maximum.  °C. 33 34.3 33.3 32.1  | oC. 23. 2 23. 2 23. 1   | Maximum.  °C. 33.2 33.5 33.7 34.1   | Minimum.  °C. 23.2 23.4 22.6 23.5  | Maxi-<br>mum.<br>°C.<br>34.2<br>33.5<br>34.3<br>35.6  | Mini-<br>mum.<br>°C.<br>21.5<br>21.6<br>21.8<br>22  | Maximum.  °C. 33.3 33.3 32.9 33.1   | °C. 23.9 22.3 22.8  | Maximum.  °C. 34.1 35 34.6 34.4   | Min mu 23. 23 23. 24.  |
|          | Maximum.  °C. 34 36.2 35.3  | Mini-<br>mum.<br>°C.<br>24. 9<br>23. 8<br>24<br>25<br>24. 3  | Cala<br>Maxi-<br>mum.<br>°C.<br>31. 9<br>34<br>33. 4<br>32. 2  | Mini-<br>mum.<br>°C.<br>23.2<br>22.2<br>22.3<br>23.2<br>23.2   | Maximum.  °C. 31.2 31.4 31.2 31.2 31.8   | Mini-<br>mum.<br>°C.<br>23<br>23. 2<br>22. 6<br>24. 7  | Maxi-<br>mum.<br>°C.<br>33<br>34.3<br>33.3<br>32.1<br>32.1   | oC. 23. 2 23. 1 23. 4   | Maximum.  °C. 33.2 33.5 33.7 34.1 33.3  | Minimum.  °C. 23.2 23.4 22.6 23.5 24   | Maximum.  °C. 34.2 33.5 34.3 35.6   | Minimum.  °C. 21.5 21.6 21.8 22 22.5  | Maximum.  °C. 33.3 33.3 32.9 33.1 31.8  | °C. 23.9 22.3 22.8 23.9   | Maxi-<br>mum.<br>°C.<br>34.1<br>35<br>34.6<br>34.4<br>33.6  | Min mu 23. 23 24. 23.  |
|          | Maximum.  °C. 34 36.2 35.3 35.3 35.3 35.3 35.3 30.8   | Minimum.  °C. 24.9 23.8 24 25 24.2 23.2 23.9   | Cala Maximum.  °C. 31.9 34 33.4 32.2 33 31.9 32  | Mini-<br>mum.<br>°C.<br>23. 2<br>22. 2<br>22. 3<br>23. 2<br>23. 2<br>23. 2<br>24. 6<br>22. 5   | Maximum.  °C. 31.2 31.4 31.2 31.2 31.8 30.9 31.3   | Mini-<br>mum.  °C. 23 23. 2 22. 6 24. 7 24 23. 8   | Maximum.  °C. 33 34.3 32.1 32.1 30.3 33  | Mini-<br>mum.<br>°C.<br>23. 2<br>23. 2<br>23. 1<br>23. 1<br>22. 8<br>23. 3  | Maximum.  °C. 33.2 33.5 33.7 34.1 33.3 30.8 32.6  | Minimum.  °C. 23.2 23.4 22.6 23.5 24 23.2 23.6   | Maximum.  °C. 34.2 33.5 34.3 35.6 33 30.2 32.6  | Mini-<br>mum.<br>21.5<br>21.6<br>21.8<br>22<br>22.5<br>22.5<br>22.3   | Maximum.  °C. 33.3 33.3 32.9 33.1 31.8 32.4 31.9  | °C. 23.9 22.3 22.8 23.9 22.2 24   | Maximum.  °C. 34.1 35 34.6 34.4 33.6 33.3   | Min<br>mu<br>23.<br>23<br>24.<br>23.<br>22.<br>23.   |
|          | Maximum.  °C. 34 36.2 35.3 35.3 35.3 31.2 30.8 31.7   | Minimum.  °C. 24. 9 23. 8 24 25 24. 3 23. 2 23. 9 24   | Cala Maximum.  °C. 31.9 34 32.2 33 31.9 32 33.3  | Mini-<br>mum.<br>°C.<br>23. 2<br>22. 2<br>22. 3<br>23. 2<br>23. 2<br>22. 6<br>22. 5<br>23. 6   | Maximum.  °C. 31.2 31.4 31.2 31.8 30.9 31.3 31.3   | Mini-<br>mum.<br>°C.<br>23<br>23. 2<br>22. 6<br>24. 7<br>24<br>24<br>23. 8<br>23. 5  | Maximum.  °C. 33 34.3 32.1 32.1 30.3 33 32.8   | Mini-<br>mum.<br>°C.<br>23. 2<br>23. 2<br>23. 1<br>23. 4<br>22. 8<br>23. 3<br>23. 5   | Maximum.  °C. 33.2 33.5 33.7 34.1 33.3 30.8 32.6  | Minimum.  °C. 23.2 23.4 22.6 23.5 24 23.2 23.6 23.9  | Maximum.  °C. 34.2 33.5 34.3 35.6 33 30.2 32.6 30.8   | Minimum.  °C. 21.5 21.6 21.8 22 22.5 22 22.3 22.5   | Maximum.  °C. 33.3 33.3 32.9 33.1 31.8 32.4 31.9 30.4   | Mini-<br>mum.<br>-23.9<br>22.3<br>22.8<br>23.9<br>22.2<br>24  | Maximum.  °C. 34.1 35 34.6 34.4 33.6 33.2 33.2 32.2   | Min<br>mu<br>23.<br>23<br>24.<br>23.<br>22.<br>23.<br>24.  |
|          | Maximum.  °C. 34 36.2 35.3 35.3 35.3 35.3 37 34.2 30.8 31.7 34.2 30.4   | Minimum.  °C. 24.9 23.8 24 25 24.3 23.2 23.9 24 21.9 24  | Cala Maximum.  °C. 31.9 34 33.4 32.2 33 31.9 32 33.3 33.6 32.9   | Minimum.  °C. 23.2 22.2 22.3 23.2 22.6 22.5 23.6 22.2 22.9   | Maximum.  °C. 31.2 31.4 31.2 31.8 30.9 31.3 31.3 31.3 30.8   | Mini-<br>mum.<br>°C.<br>23<br>23. 2<br>22. 6<br>24. 7<br>24<br>23. 8<br>23. 5<br>23. 2<br>24   | Maximum.  °C. 33 34.3 33.3 32.1 30.3 33.3 32.8 32.8 32.8 32.8 32.8   | Mini-<br>mum.<br>°C.<br>23. 2<br>23. 2<br>23. 1<br>22. 8<br>23. 3<br>23. 5<br>22. 8   | Maximum.  °C. 33.2 33.5 33.7 34.1 33.3 30.8 32.6 31   | Minimum.  C. 23.2 23.4 22.6 23.5 24 23.2 23.6 23.9 22.5 23.9   | Maximum.  °C. 34.2 33.5 34.3 35.6 33 30.2 32.6  | Mini-<br>mum.<br>21.5<br>21.6<br>21.8<br>22<br>22.5<br>22.5<br>22.3   | Maximum.  °C. 33.3 33.3 32.9 33.1 31.8 32.4 31.9  | °C. 23.9 22.3 22.8 23.9 22.2 24   | Maximum.  °C. 34.1 35 34.6 34.4 33.6 33.2 32.2 32.2 33.5  | Min mu 23. 23 24. 23. 22. 23. 24. 22.  |
|          | Maximum.  °C. 34 36.2 35.3 35.3 35.3 35.3 31.7 34.2 30.4 31.2   | Minimum.  °C. 24.9 23.8 24 25 24.3 23.2 23.9 24 21.9 24 22.9   | Cala  Maximum.  °C. 31.9 34 32.2 33 31.9 32 33.3 33.6 32.9 32.9 31.7   | Mini-<br>mum.<br>°C.<br>23. 2<br>22. 3<br>23. 2<br>23. 2<br>23. 6<br>22. 5<br>23. 6<br>22. 2<br>22. 2<br>23. 2   | Maximum.  °C. 31.2 31.4 31.2 31.8 30.9 31.3 31.3 31.8 30.8   | Minimum.  °C. 23 23.2 22.6 24.7 24 23.8 23.5 23.2 24 23.5  | Maximum.  °C. 33 34.3 33.3 32.1 32.1 32.1 32.8 32.8 33.1   | Mini-mum.  OC. 23. 2 23. 2 23. 1 23. 4 22. 8 23. 3 23. 5 22 23. 2 23. 2   | Maximum.  °C. 33.2 33.5 33.7 34.1 33.3 30.8 32.6 31 33 32.2 30.8  | Minimum.  °C. 23.2 23.4 22.6 23.5 24 23.6 23.9 22.5 23.9 22.5 23.9   | Maximum.  °C. 34.2 33.5 34.3 35.6 33 30.2 32.6 30.8 34.6 31.7 30  | Minimum.  °C. 21.5 21.6 21.8 22 22.5 22.3 22.5 21.1 22.9 23   | Maximum.  °C. 33.3 33.3 32.9 33.1 31.8 32.4 31.9 30.4 32.3 30.8 30.2  | Minimum.  °C. 23.9 23.9 22.8 23.9 22.2 24 24 23.6 24.1  | Maximum.  °C. 34.1 35. 34.6 34.4 33.6 33.2 32.2 33.5 33.4 31.8  | Min mu 23. 23 24. 23. 24. 22. 23. 24. 22. 23. 23.  |
|          | Maximum.  °C. 34, 235, 3 35, 3 35, 3 31, 2 30, 8 31, 7 34, 2 30, 4 31, 2 32, 6 33, 1  | Minimum.  °C. 24.9 23.8 24 25 24.3 23.9 24 21.9 24 23.9 24 23.9 24 23.7  | Cala Maximum.  °C. 31.9 34 33.4 32.2 33 31.9 32 33.3 33.6 32.9   | Mini-mum.  °C. 23. 2 22. 2 22. 3 23. 2 22. 6 22. 5 23. 6 22. 9 23. 2 22. 5 22. 7   | Maximum.  °C. 31.2 31.2 31.2 31.8 30.9 31.3 31.3 31.3 31.3 32.6  | Mini-<br>mum.<br>°C.<br>23<br>23. 2<br>22. 6<br>24. 7<br>24<br>23. 8<br>23. 5<br>23. 2<br>24   | Maximum.  °C. 33 34.3 33.3 32.1 30.3 33.3 32.8 32.8 32.8 32.8 32.8   | Mini-<br>mum.<br>°C.<br>23. 2<br>23. 2<br>23. 1<br>22. 8<br>23. 3<br>23. 5<br>22. 8   | Maximum.  °C. 33.2 33.5 33.7 34.1 33.3 30.8 32.6 31   | Minimum.  °C. 23. 2 23. 4 22. 6 23. 5 24 23. 2 23. 6 23. 9 22. 5 23. 9 24. 3 24. 3 23. 3   | Maximum.  °C. 34.2 33.5 34.3 35.6 33 30.2 32.6 30.8 34.6 31.7 30 32.3   | Minimum.  °C. 21.5 21.6 21.8 22 22.5 22.3 22.5 21.1 22.9 23 22.4  | Maximum.  °C. 33.3 33.3 32.9 33.1 31.8 32.4 31.9 30.4 32.3 30.8 30.2 31.1   | Minimum.  °C. 23.9 22.3 22.8 23.9 22.2 24 24 23.2 23.6 24.1   | Maximum.  °C. 34.1 35 34.6 34.4 33.4 33.2 32.2 32.2 32.2 33.5 33.4 31.8   | Min mu 23. 23 24. 23. 24. 22. 23. 23. 23. 23.  |
|          | Tana Maximum.  °C. 34 36.2 35.3 35.3 35.3 35.3 31.2 30.4 31.2 30.4 31.2 32.6 33.1 34.3  | Minimum.  °C. 24.9 23.8 24 25 24.2 23.9 24 21.9 24 23.9 23.4 23.7 24.7   | Cala Maximum.  °C. 31. 9 34 33. 4 32. 2 33 31. 9 32 33. 3 33. 6 32. 9 31. 7 32 31. 4 34. 4   | Minimum.  °C. 23.2 22.2 22.3 23.2 22.6 22.5 23.6 22.2 22.9 23.2 22.7 23.2  | Maximum.  °C. 31.2 31.4 31.2 31.8 30.9 31.3 31.3 31.3 31.3 32.6 32.6   | Minimum.  °C. 23 23. 2 22. 6 24. 7 24 23. 8 23. 5 23. 2 24. 2 23. 8 23. 5 23. 3 24. 4 23. 4  | Maximum.  °C. 33 34.3 33.3 32.1 30.3 32.8 32.8 32.8 33.1 32.8 33.1 32.8 33.1   | Minimum.  °C. 23. 2 23. 2 23. 1 23. 4 22. 8 23. 3 23. 5 22 23. 2 24. 6 22. 8 23. 5  | Maximum.  °C. 33.2 33.5 33.7 34.1 33.3 30.8 32.6 31 33 32.2 30.8 32.5 32.7 34   | Minimum.  °C. 23.2 23.4 22.6 23.5 24 23.6 23.9 22.5 23.9 22.5 23.9 24.3 23.3 23.3 24.1   | Maximum.  °C. 34.2 33.5 34.3 35.6 32.6 32.6 30.8 34.6 31.7 30 32.3 34   | Minimum.  °C. 21.5 21.6 21.8 22 22.5 22.5 22.1 22.9 23 22.4 22.7 28   | Maximum.  °C. 33.3 32.9 33.1 31.8 32.4 31.9 30.4 32.3 30.8 30.2 31.1  | Minimum.  °C. 23. 9 22. 3 22. 8 23. 9 22. 2 24 23. 6 24. 1 23 23. 6 23. 2   | Maximum.  °C. 34.1 35.34.6 33.6 33.2 32.2 33.5 33.4 31.8 32.4 34.8  | Min mu 23. 23. 24. 23. 24. 22. 23. 23. 23. 23. 23. 23. 23. 23. 23  |
|          | Maximum.  °C. 34, 235, 3 35, 3 35, 3 31, 2 30, 8 31, 7 34, 2 30, 4 31, 2 32, 6 33, 1  | Minimum.  °C. 24.9 23.8 24 25 24.3 23.9 24 21.9 24 23.9 24 23.9 24 23.7  | Cala Maximum.  °C. 31.9 34 32.2 33 31.9 32 33.3 33.6 32.9 31.7 32 31.4   | Mini-mum.  °C. 23. 2 22. 2 22. 3 23. 2 22. 6 22. 5 23. 6 22. 9 23. 2 22. 5 22. 7   | Maximum.  °C. 31.2 31.4 31.2 31.8 30.8 31.3 31.3 31.3 32.6 32.6 33.1.2   | Minimum.  °C. 23 22.26 24.7 24 23.8 23.5 23.5 23.5 24.4 23.5 23.4 24.4 23.5  | Maximum.  °C. 33 34.3 32.1 32.1 30.3 33 32.8 32.8 32.8 32.8 33.1 32.6  | Minimum.  °C. 23. 2 23. 2 23. 1 23. 4 22. 8 23. 3 23. 5 22 23 22. 6 22. 8 23. 7   | Maximum.  °C. 33.2 33.5 33.7 34.1 33.3 30.8 32.6 31 32.2 30.8 32.5 32.7 34 33.8   | Minimum.  23.2 23.4 22.6 23.5 24 23.6 23.9 24.3 23.9 24.3 23.9 24.1 23.9   | Maximum.  °C. 34.2 33.5 34.3 35.6 38 30.2 32.6 30.8 34.6 31.7 30 32.3 34  | Minimum.  °C. 21.5 21.6 21.8 22 22.5 22.5 22.1 22.9 23 22.4 22.7 23 22.5  | Maximum.  °C. 33.3 33.3 33.3 32.9 33.1 31.8 32.4 31.9 30.4 32.3 30.8 30.2 31.1 31.2 31.2 32.3   | Minimum.  °C. 23.9 22.9 22.8 23.9 22.2 24 24 23.6 24.1 23 23.6 22.5   | Maximum.  °C. 34.1 35.6 34.6 34.4 33.6 33.2 32.2 32.2 33.5 33.4 31.8 32.4 34.8  | Min mu 23. 23. 24. 22. 23. 24. 22. 23. 23. 23. 23. 23. 24.   |
|          | Maximum.  °C. 34, 36, 2, 35, 3, 35, 3, 35, 3, 31, 2, 30, 8, 31, 7, 34, 2, 20, 6, 33, 1, 34, 3, 36, 36, 34, 2  | Minimum.  °C. 24.9 23.8 24.2 25.2 23.9 24.9 24.9 23.9 24.9 23.9 24.9 23.9 24.9 23.9  | Cala  Maximum.  °C. 31.9 34 33.4 33.3 31.9 32 33.3 33.6 32.9 31.7 32 31.4 31.9 33.4 33.2   | Mini-mum.  °C. 23. 2 23. 2 22. 3 23. 2 22. 3 22. 6 22. 5 23. 6 22. 5 23. 6 22. 5 23. 6 22. 7 23. 2 22. 9 23. 2 22. 9 23. 2 22. 9 23. 2 22. 9 23. 2 22. 9 23. 2 24. 9 25. 6 26. 6   | Maximum.  °C. 31.2 31.4 31.2 31.3 30.9 31.3 31.3 31.3 31.3 31.5 32.6 22 31.5 32.5  | Minimum.  23. 22. 22. 22. 24. 7. 24. 23. 8. 23. 5. 23. 3. 24. 4. 24. 5. 24. 3. 24. 24. 3. 24. 24. 24. 24. 24. 24. 24. 24. 24. 24  | Maximum.  °C. 33 34.3 33.3 32.1 32.1 32.3 33.3 33.3 33.3 33  | Mini-mum.  °C. 23. 2 23. 2 23. 1 23. 4 22. 8 23. 3 23. 5 22 23. 7 23. 5 24  | Maximum.  °C. 33.2 33.5 33.7 34.1 33.3 30.8 32.6 31 32.2 33.8 32.5 32.7 34.7 34.7   | Minimum.  23. 2 23. 4 22. 6 23. 5 24. 2 23. 6 23. 9 24. 1 23. 9 24. 1 23. 9 23. 8 24   | Maximum.  °C. 34.2 33.5 34.3 35.6 33.0.2 32.6 30.8 34.6 31.7 30.8 32.3 34.3 34.3 34.9 32.6  | Minimum.  °C. 21.5 21.6 21.8 22 22.5 22.3 22.5 22.1 22.9 23 22.4 22.7 22.7 22.5 22.4 22.7   | Maximum.  °C. 33, 3 33, 3 32, 9 33, 1 31, 8 32, 4 31, 9 30, 8 30, 8 30, 2 31, 1 31, 2 31, 9 32, 3 32, 7 32, 4   | Minimum.  °C. 23. 9 23. 9 22. 8 23. 9 22. 2 24 24 23. 2 23. 6 24. 6 25. 6 26. | Maximum.  °C. 34.1 35.6 34.4 33.6 33.2 32.2 32.2 33.5 33.4 34.8 34.8 34.8 34.8  | Min mu:  0(23. 23. 23. 24. 22. 23. 23. 23. 23. 23. 24. 22. 23.   |
|          | Maximum.  °C. 34 36.2 35.3 35.3 35.3 31.2 30.4 31.2 32.6 33.1 34.3 33 33 33   | Minimum.  °C. 24.9 23.8 24 25 24.3 23.2 23.9 24 21.9 24 23.9 24 23.9 24 23.9 24 23.9 24 23.4 24.4 24   | Cala  Maximum.  °C. 31.9 34.4 33.4 32.2 33.3 31.9 32.9 31.7 32.4 34.4 34.4 31.9 33.4 33.9  | Mini- mum.  OC. 23.2 22.2 22.3 23.2 23.2 23.6 22.5 23.6 22.2 22.5 22.7 23 22.8 22.6 22.6 22.6 22.6 22.6 22.6 22.6  | Maximum.  °C. 31.2 31.4 31.2 31.8 30.9 31.3 31.3 31.3 32.6 22 32.5 32 32.5   | Minimum.  °C. 23 28.2 22.6 24.7 24 23.8 23.5 23.2 24.2 24.2 24.5 24.3 24.4   | Maximum.  °C. 33 34.3 33.3 32.1 30.3 32.8 32.8 32.8 32.8 33.1 34.6 33.9 32.6 33.4 33.6 33.3  | Mini- mum.  °C. 23. 2 23. 2 23. 1 23. 4 22. 8 23. 3 23. 5 22 22. 6 22. 6 22. 8 23. 5 22 23. 5 24 22. 8  | Maximum.  °C. 33.2 33.5 33.7 34.1 33.3 30.8 32.6 31 33.2 30.8 32.5 32.7 34.7 34.7 32.4 35.1   | Minimum.  °C. 23. 4 22. 6 23. 5 24 23. 2 23. 9 22. 5 23. 9 24. 3 23. 3 23. 3 23. 3 24. 3 23. 8 24. 1 23. 9   | Maximum.  °C. 34.2 33.5 34.3 35.6 33. 30.2 32.6 32.8 34.6 33.7 30 32.3 34.9 32.6 36.8   | Minimum.  °C. 21.5 21.6 21.8 22.5 22.5 22.5 21.1 22.9 23 22.4 22.7 23 22.4 23 22.4 23   | Maximum.  °C. 33.3 33.3 33.3 32.9 33.1 31.8 32.4 31.9 30.4 32.3 31.1 31.2 31.2 31.3 32.7 32.4   | Minimum.  °C. 23. 9 22. 3 22. 8 23. 9 22. 2 24 23. 6 24. 1 23 6 23. 5 22 25. 5 22   | Maximum.  °C. 34.1 35 34.6 33.4 6 33.5 33.2 2 33.5 33.4 31.8 32.4 34.8 34.8 34.8 34.8 34.8 34.8 34.8 34                                   | Min mu:  0(23. 23. 23. 24. 22. 23. 24. 23. 24. 23. 24. 22. 23. 22. 23.   |
|          | Maximum.  °C. 34 36.2 35.3 35.3 35.3 35.3 31.2 30.4 31.2 30.4 31.2 32.6 33.1 34.3 36 34.2 35.3 34.9   | Minimum.  °C. 24.9 23.8 24 25 24.3 23.9 24 21.9 24 23.9 24 23.9 24 23.7 24.4 24 24.9 24.9 24.1   | Cala<br>Maxi-<br>mum.<br>°C.<br>31.9<br>33.4<br>33.4<br>32.2<br>33.3<br>31.9<br>32.9<br>31.7<br>32.9<br>31.7<br>32.9<br>31.4<br>34.4<br>34.4<br>31.9<br>33.4<br>33.6<br>32.9<br>31.7<br>32.9<br>31.7<br>32.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9<br>31.9 | Mini- mum.  OC. 23. 2 22. 2 22. 3 23. 2 22. 6 22. 6 22. 2 22. 5 22. 7 23 22. 8 22. 8 22. 4 22. 8 23. 4   | Maximum.  °C. 31.2 31.4 31.2 31.8 30.9 31.3 31.3 31.3 31.3 32.6 32.5 32.5 32.2 32.2 32.2   | Minimum.  °C. 23 23.2 22.6 24.7 24 23.8 23.5 23.5 23.2 24.4 23.5 24.4 24.4 24.3 24.4 23.8 24.4 23.8 24.4   | Maximum.  °C. 33 34.3 33.3 32.1 30.3 32.8 32.8 33.1 32.8 33.1 32.8 33.1 32.8 33.1 32.8 33.6 33.6 33.6 33.6 33.6                        | Mini- mum.  °C. 23. 2 23. 2 23. 1 23. 4 22. 8 23. 5 22. 23. 2 23. 6 23. 5 24. 22. 8 24. 9 24. 9   | Maximum.  °C. 33.2 33.5 33.7 34.1 33.3 30.8 32.6 31 32.2 30.8 32.7 34 32.7 34 32.1 33.8 34.7 32.4 35.1 33.1                                 | Minimum.  °C. 23.4 22.6 23.5 24 23.6 23.9 22.5 23.9 24.1 23.9 24.1 23.9 24.1 23.9 24.1 23.9 24.1 23.9 23.8 24.3 23.6 23.6 23.6 23.6                  | Maximum.  °C. 34.2 33.5 6 33.8 34.3 35.6 30.8 34.6 30.8 34.7 30.3 34.3 34.3 34.3 34.3 34.3 34.3 34.3  | Minimum.  °C. 21.5 21.6 21.8 22.5 22.5 22.1 22.9 23 22.4 22.7 28 22.4 23 22.1 22.7 22.1 22.7  | Maximum.  °C. 33.3 33.9 33.1 31.8 32.4 31.9 30.4 32.3 30.2 31.1 31.2 31.2 31.7 32.4 31.7 32.6   | Minimum.  °C. 23.9 22.3 22.8 23.9 22.2 24 23.6 24.1 23 23.6 24.1 23 23.5 22.5 23.5  | Maximum.  °C. 34.1 35 34.6 33.6 33.2 32.2 32.2 32.4 31.8 34.8 34.8 34.8 34.8 34.8 34.8 34.8 34  | Min mu 23. 23 23. 24. 22. 23. 23. 23. 23. 23. 23. 22. 22. 22   |
|          | Maximum.  °C. 34. 36.2 35.3 35.3 35.3 35.3 31.2 30.4 31.2 30.4 31.2 30.4 31.2 30.4 31.2 32.6 33.1 34.3 33.3 33.3 34.9 32.1 34.2                           | Minimum.  °C. 24.9 23.8 24 25 24.2 23.9 24.9 21.9 24.4 223.7 24.4 24.9 24.9 24.9   | Cala  Maximum.  °C. 31.9 34.4 33.4 32.2 33.3 31.9 32.9 31.7 32.4 31.4 31.9 33.4 31.9 33.4 31.9 32.9 31.7 32.4 31.4 33.4 33.4 33.4 33.4 33.4 33.4   | mba.  Minimum.  °C. 23. 2 22. 2 22. 3 23. 2 23. 6 22. 5 23. 6 22. 5 22. 7 23 23 22 22. 5 22. 7 23 23 23 22 8 22. 6 22. 8 22. 8 22. 9 22. 9 22. 9 22. 9 22. 9 22. 9 22. 9 22. 9 22. 9 22. 9 22. 9 22. 9 22. 9 22. 9   | Maximum.  °C. 31.2 31.4 31.2 31.8 30.9 31.3 31.3 31.3 31.3 31.2 34.1 32.6 22 31.5 32 32.5 32 32.2 33.2 33.2                                | Minimum.  °C. 23 23. 2 24. 6 24. 24 24 23. 8 23. 5 23. 3 24. 4 24. 5 24. 3 24. 4 24. 8 24. 2 24. 1 24. 2 24. 1   | Maximum.  °C. 33 34.3 33.3 32.1 30.3 33.3 32.1 30.3 33.1 32.8 33.1 32.8 33.1 34.6 33.6 33.6 33.6 33.6 33.6 33.6 33.7                   | Minimum.  °C. 23. 2 23. 2 23. 1 23. 4 22. 8 23. 5 22. 6 22. 8 23. 7 23. 5 24. 2 23. 7 23. 5 24. 3 22. 9 24. 4 23. 6   | Maximum.  °C. 33.5 33.7 33.3 30.8 32.6 31 33.3 32.2 30.8 32.7 34 33.8 34.7 34.1 33.7  | Minimum.  °C. 23. 4 22. 6 23. 5 24 23. 6 23. 9 24. 1 23. 9 24. 1 23. 9 24. 1 23. 9 24. 7 23. 9 24. 7 23. 9   | Maximum.  °C. 34.2 33.5 34.3 35.6 33.2 32.6 30.8 34.9 32.3 34.3 34.3 34.3 34.3 34.3 34.3 34.3   | Minimum.  °C. 21.5 21.6 21.8 22 22.5 22.5 22.1 22.9 23 22.4 22.7 28 22.5 22.4 23 22.7 22.7 22.7   | Maximum.  °C. 33.3 33.9 33.1 31.8 32.9 30.1 31.9 30.3 30.8 30.2 31.1 31.2 32.3 32.7 32.4 31.7 32.6 33.2   | Minimum.  °C. 23.9 22.3 22.8 23.9 22.2 24 23.2 23.6 24.1 23 623.2 22.5 23.5 22.7 22.5 23.4  | Maximum.  °C. 34.1 35.34.6 33.6 33.2 32.2 32.2 33.5 33.4 31.8 32.4 34.8 34.8 35.6 34.6 34.9 34.9  | Min mu 23. 23. 24. 22. 23. 23. 24. 22. 23. 23. 23. 24. 22. 22. 23. 22. 22. 22. 22. 22. 22. 22  |
|          | Maximum.  °C. 34.2 35.3 35.3 35.3 35.3 35.3 35.3 35.3 35  | Minimum.  °C. 24. 9 23. 8 24 25 24. 2 23. 9 24 9 23. 4 23. 7 24. 4 24 24. 1 24. 9 24 23. 9 23. 9   | Cala  Maximum.  °C. 31.9 34.4 33.4 32.2 33.3 31.9 32.3 33.6 32.9 31.4 31.9 33.4 31.9 32.6 32.9 31.4 33.2 33.3 33.5 33.6 32.8   | Minimum.  °C. 23.2 22.3 23.2 22.3 23.6 22.2 22.5 23.6 22.2 22.9 23.2 22.5 22.7 23 23.2 22.8 22.8 22.8 22.8 22.8 22.8 2   | Maximum.  °C. 31.2 31.4 31.2 31.8 30.9 31.3 31.3 31.3 31.2 34.1 32.6 22 31.5 32 32.2 32.2 32.2 33.2 31.2 31.2                              | Minimum.  23 23. 2 22. 6 24 24 24 23. 8 23. 5 23. 3 24 24. 5 24. 5 24. 3 24. 4 23. 8 24. 2 24. 1 24. 2   | Maximum.  °C. 33 34.3 33.3 32.1 30.3 32.8 32.8 33.1 32.8 33.1 32.8 33.1 32.8 33.1 32.8 33.6 33.6 33.6 33.6 33.6                        | Minimum.  °C. 23. 2 23. 2 23. 2 23. 1 23. 4 22. 8 23. 5 22 22. 6 22. 8 23. 7 23. 7 23. 7 23. 6 23. 6 23. 6 23. 6 23. 6  | Maximum.  °C. 33.2 33.5 33.7 34.1 33.3 30.8 32.6 31 33.3 32.2 33.8 32.5 32.7 34 33.8 34.7 32.4 33.1 33.7 32.4 33.7 32.4 33.7 32.4 33.7 32.4 | Minimum.  °C. 23.4 22.6 23.5 24 23.2 23.2 23.9 22.5 23.9 24.3 23.9 24.1 23.9 24.1 23.9 23.8 24 22.8 23.6 7 22.9 23.4                                 | Maximum.  °C. 34.2 33.5 34.3 35.6 33.2 32.6 30.8 34.8 33.2 34.9 32.8 34.8 33.4.9 32.6 33.4.9 32.6 33.4.9  | Minimum.  °C. 21.5 21.6 21.8 22 22.5 22.3 22.5 21.1 22.9 23 22.4 22.7 28 22.4 22.7 22.2 22.5 22.1 22.7 22.2 22.5 22.1 22.7 22.2 22.5  | Maximum.  °C. 33.3 33.2 9 33.1 31.8 32.4 31.9 30.4 32.3 30.8 30.2 31.1 31.2 31.9 32.3 32.7 32.4 31.7 32.6 33.2 33.2 33.2 33.2                               | Minimum.  C. 23.9 22.3 22.8 23.9 22.2 24 24 23.6 24.1 23 23.6 24.1 23 23.6 22.5 23.5 22.7 22.5 23.1   | Maximum.  °C. 34.1 35 34.6 33.2 32.2 32.2 33.4 31.8 32.4 34.8 35.6 34 34.8 35.6 34.9 36.4 9   | Min mu 23. 23. 22. 23. 24. 23. 23. 24. 23. 23. 24. 23. 23. 24. 23. 23. 24. 23. 22. 23. 22. 22. 23. 22. 22. 23. 22. 22  |
|          | Maximum.  °C. 34. 35.3 35.3 35.3 35.3 35.3 36.2 30.4 31.2 30.4 31.2 32.6 33.1 34.3 33.3 36 34.2 35.3 34.9 32.1 34.2 32.4 34.3                             | Minimum.  °C. 24. 9 23. 9 24 25 23. 9 24 21. 9 24 23. 7 24. 4 24. 9 24 24. 9 24. 1 24. 9 24. 23. 9 23. 7   | Cala  Maximum.  °C. 31.9 34.4 33.4 32.2 33.3 33.6 32.9 31.7 32.9 31.4 34.4 34.4 34.4 34.4 33.2 33.3 33.5 33.6 33.6 33.8 33.8   | mba.  Minimum.  °C. 23.2 22.2 22.3 23.2 22.6 22.5 23.6 22.7 23.2 22.5 22.7 23.2 22.8 22.8 23.9 22.8 23.9 22.8 23.9 22.8 23.9 22.8 23.9 22.8 23.9 23.1 23.8 23.9 22.9 23.1 23.8 23.9 22.9 23.1 23.8 23.9 22.9 23.1 23.8 23.9 22.9 23.1 23.8 23.9 23.9 23.9 23.1 23.8 23.9 23.9 23.9 23.9 23.9 23.9 23.9 23.9  | Maximum.  °C. 31.4 31.2 31.8 30.9 31.3 31.3 31.3 31.3 32.6 22 31.5 32.2 32.2 32.2 32.2 32.2 32.2 32.2 32                                   | Minimum.  23. 2 22. 6 24. 7 24 23. 8 23. 5 23. 2 24 23. 5 24. 4 24. 5 24. 3 24 24. 4 23. 8 24. 2 24. 1 24 23. 9 23. 5  | Maximum.  °C. 33 34.3 33.3 32.1 30.3 32.8 32.8 32.8 33.1 32.6 33.6 33.6 33.6 33.6 33.6 33.6 33.6                                       | Minimum.  °C. 23. 2 23. 2 23. 1 23. 4 22. 8 23. 5 22. 2 23. 7 23. 5 24. 4 22. 9 24. 4 23. 6 23. 6 23. 1   | Maximum.  °C. 33.2 33.5 33.7 34.1 33.3 30.8 32.2 30.8 32.2 30.8 32.2 30.8 32.7 34.7 32.4 35.1 33.7 32.3 33.7 32.3 33.7 32.3 33.7 33.7       | Minimum.  °C. 23.2 4 22.6 23.4 22.6 23.9 22.5 23.9 24.3 23.9 24.3 23.9 24.1 23.9 23.8 24 22.8 23.6 23.7 22.9 23.4 22.8 23.6 23.7 22.9 23.4 23.2 22.5 | Maximum.  °C. 33. 5 33. 5 35. 6 33. 2 32. 6 31. 7 30. 8 34. 3 34. | Minimum.  °C. 21.5 21.6 21.8 22 22.5 22.3 22.5 22.4 22.7 23 22.4 22.7 22.2 22.5 22.4 22.7 22.2 22.5 22.8 22.1 22.7 22.2 22.5 22.8 22.1 22.7 22.2 22.5 22.8 22.5 22.8 22.5 22.8 22.5 22.8 22.8 | Maximum.  °C. 33.3 33.3 33.9 33.1 31.8 32.9 30.4 31.9 30.8 30.2 31.1 31.2 31.9 32.3 32.6 33.2 33.2 33.2 33.2 33.2 33.2                                      | Minimum.  C. 23.9 22.3 22.8 22.9 22.2 24 23.6 24.1 23.6 23.6 23.5 22.5 23.5 22.7 22.5 23.1 23.6 23.6 23.6 23.6 23.6 23.6 23.6 23.6  | Maximum.  oC. 34.1 35 34.6 33.6 33.2 32.2 32.2 33.5 33.4 31.8 34.8 34.8 34.8 34.8 34.6 34.6 35.6 34.6 35.6 34.6 35.7 36.4 35.5            | Min mu 23. 23. 23. 22. 23. 23. 22. 23. 22. 22.   |
|          | Maximum.  °C. 34.2 35.3 35.3 35.3 35.3 35.3 35.3 35.3 35  | Minimum.  °C. 24. 9 23. 8 24 25 24. 2 23. 9 24 9 24 9 23. 4 23. 9 24 24. 9 24 24. 9 24 24. 9 24 23. 9 23. 7 23. 3 23. 9 23. 7 23. 3 23. 9  | Cala  Maximum.  °C. 31.9 34.4 33.4 32.2 33.3 31.9 32.9 31.7 32.9 31.4 31.9 33.4 31.9 33.4 31.9 33.4 31.9 33.4 31.9 33.4 31.9 33.4 31.9 33.4 31.9 33.4 31.9 33.4 31.9 33.4 31.9 33.4 31.9 33.4 33.9 34.1  | mba.  Minimum.  °C. 23. 2 22. 2 22. 3 23. 2 22. 6 22. 2 22. 7 23 23 8 22. 6 22. 4 22. 4 22. 8 23. 1 23. 8 22. 9 23. 1 23. 8 22. 9 23. 1 23. 8 23. 9 23. 1 23. 8 22. 9 23. 1 23. 8 23. 9 23. 1 23. 8 22. 9 23. 1 23. 8 23. 9 23. 1 23. 9 23. 1 23. 8 23. 9 23. 1 23. 9 23. 1 23. 9 23. 1 23. 9 23. 1 23 | Maximum.  °C. 31.4 31.2 31.8 30.9 31.3 31.3 31.3 31.3 32.6 22 31.5 32.5 32.2 32.2 31.5 32.6 32.2 31.8                                      | Minimum.  °C. 23. 2 22.6 24.7 24 24.23.8 23.5 23.2 24.4 23.8 24.4 23.8 24.1 24.2 23.5 24.3 24.1 24.2 23.9 23.5 23.5 23.5 23.5 23.5 23.5 23.5 23.5  | Maximum.  °C. 33 34.3 33.3 32.1 30.3 32.8 32.8 32.8 32.1 34.6 33.6 33.6 33.6 33.6 33.7 31.6 31.7                                       | Minimum.  °C. 23. 2 23. 2 23. 2 23. 1 23. 4 22. 8 23. 5 22 22. 6 22. 8 23. 7 23. 7 23. 7 23. 6 23. 6 23. 6 23. 6 23. 6  | Maximum.  °C. 33.2 33.5 33.7 34.1 33.3 30.8 32.6 31 32.2 30.8 32.5 32.7 32.4 33.8 33.7 32.4 33.1 33.7 32.4 33.8 33.7                        | Minimum.  **C  | Maximum.  °C. 34.2 33.5 34.3 35.6 33.2 32.6 30.2 32.6 33.4 33.3 34.3 34.3 34.3 34.3 34.3 34   | Minimum.  °C. 21.5 21.6 21.8 22 22.5 22.3 22.3 22.1 22.9 23.2 22.4 23.2 22.4 23.2 22.5 22.7 22.2 22.1 22.7 22.2 22.5 22.1 22.7 22.2 22.5 22.1 22.7 22.2 22.5                                  | Maximum.  °C. 33.3 32.9 33.1 31.8 32.4 31.9 30.8 30.8 30.8 31.9 32.7 32.4 31.7 32.6 33.2 33.6 33.6 33.6 33.6 33.6 33.6                                      | Minimum.  °C. 23.9 22.8 23.9 22.2 24 24 23.2 23.6 23.6 23.2 22.5 23.4 23.1 23.6 23.7 23.7   | Maximum.  °C. 34.1 35.6 34.4 33.6 33.2 32.5 33.4 31.8 32.4 34.8 34.8 34.8 34.8 34.8 34.8 34.8 34  | Min multiple of the control of the c |
|          | Maximum.  °C. 34 36.2 35.3 35.3 35.3 35.3 36.2 30.4 31.7 34.2 30.4 31.2 32.6 33.1 34.3 36 34.2 35.3 34.9 32.1 34.2 32.8 32.3 34.9 32.1 34.2 32.8          | Minimum.  °C. 24. 9 23. 8 24 25. 24. 2 23. 9 24 21. 9 24 23. 9 24 24. 1 24. 9 24 24. 1 24. 9 24 24. 1 24. 9 24 23. 9 24 24. 1 24. 9 24 24. 9   | Cala<br>Maxi-<br>mum.<br>°C.<br>31. 9<br>34.<br>32. 2<br>33. 3<br>31. 9<br>32. 33. 3<br>32. 9<br>31. 7<br>32. 31. 4<br>34. 4<br>34. 4<br>34. 4<br>34. 4<br>35. 6<br>36. 9<br>37. 9<br>38. 4<br>39. 9<br>31. 9<br>31. 9<br>32. 9<br>33. 8<br>33. 6<br>32. 9<br>33. 4<br>34. 4<br>35. 6<br>36. 9<br>37. 9<br>38. 6<br>38. 6<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9   | mba.  Minimum.  °C. 23. 2 22. 2 22. 3 23. 2 22. 6 22. 6 22. 2 22. 5 22. 7 23 22. 8 22. 8 22. 4 22. 8 23 22. 9 23. 1 23. 8 21. 9 22. 3 21. 9 22. 3 22. 8  | Maximum.  C. 31.2 31.4 31.2 31.8 30.9 31.3 31.3 31.3 31.3 32.6 22 31.5 32.5 32.2 31.5 32.6 32.5 32.2 31.8 32.8                             | Minimum.  °C. 23 23.2 22.6 24.7 24 23.8 23.5 23.2 24.2 24.5 24.5 24.3 24.4 23.8 24.2 24.1 24.2 24.1 24.2 23.8 23.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24   | Maximum.  °C. 33 34.3 33.3 32.1 30.3 32.8 32.8 33.1 32.1 32.1 32.6 33.6 33.6 33.6 33.6 33.6 33.7 31.6 34.6 34.1 32.7 29                | Mini- mum.  °C. 23. 2 23. 1 23. 4 22. 8 23. 5 22. 2 23. 7 23. 5 24. 22. 8 23. 5 24. 22. 8 23. 6 22. 8 23. 6 23. 6 23. 6 23. 6 23. 6 23. 6 23. 7 23. 6 23. 6 23. 8 23. 8 23. 9 24. 4 23. 6 23. 6 23. 1 22. 4 23. 6 23. 1 22. 8 | Maximum.  °C. 33.5 33.7 34.1 33.3 30.8 32.2 30.8 32.7 34.8 32.7 34.8 33.7 32.4 35.1 33.7 32.3 33.7 32.3 33.7 32.2 34.5 33.1                 | Minimum.  °C. 23.2 4 22.6 23.5 24 23.2 23.9 22.5 9 24.3 23.9 24.1 23.9 24.1 23.9 23.8 24 22.8 23.6 23.7 22.9 23.4 23.5 24 23.5 24 24.5 24.5          | Maximum.  °C. 33. 2 33. 5 35. 6 30. 8 34. 6 36. 3 34. 3 34. 3 34. 3 34. 9 32. 6 36. 3 34. 8 33. 2 34. 7 5 34. 8 35. 2 32. 7 26. 7 26. 7   | Minimum.  °C. 21.5 21.6 21.8 22 22.5 22 22.3 22.3 22.3 22.4 23.2 22.4 23.2 22.4 23.2 22.1 22.7 22.2 22.1 22.7 22.2 22.1 22.7 22.2 22.1 22.7 22.2 22.1 22.7 22.2 22.1 22.7 22.2 23.1           | Maximum.  OC. 33.3 33.2 9 33.1 31.8 32.4 31.9 30.4 32.3 30.8 30.2 31.1 31.2 31.9 32.4 31.7 32.6 32.4 31.7 32.6 32.4 31.7 32.6 32.4 31.7 32.6 32.4 31.7 32.6 | Minimum.  | Maximum.  °C. 34.1 35 34.6 33.2 32.2 33.5 33.4 31.8 32.4 34.8 35.6 34.6 35.1 34.9 36.4 35.5 34.6 35.7 34.7 35.7                           | Min mul 23. 23. 24. 22. 23. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22. 23. 23   |
|          | Maximum.  **OC.** 34.2 35.3 35.3 35.3 35.3 35.3 36.2 30.4 31.7 34.2 30.4 31.2 32.6 33.1 34.3 36 36 34.2 35.3 34.9 32.1 34.2 34.8 32.7 32.8 32.8 32.8 32.8 | Minimum.  °C. 24. 9 23. 8 24 25 24. 3 23. 2 23. 9 24 22. 9 24. 9 2 | Cala  Maximum.  °C. 31.9 34.4 33.4 32.2 33.3 31.9 32.9 31.7 32.4 31.4 33.4 33.2 33.3 33.6 32.9 31.7 32.4 31.9 33.4 31.9 33.4 31.9 33.4 31.9 33.4 31.9 33.4   | mba.  Minimum.  °C. 23. 2 22. 2 22. 3 23. 2 22. 5 23. 6 22. 2 22. 5 22. 7 23 23 22 22. 5 22. 7 23 23 22 22. 8 22. 8 22. 8 22. 8 22. 8 22. 9 23. 1 2 23. 8 22. 8 23 | Maximum.  °C. 31.2 31.4 31.2 31.8 30.9 31.3 31.3 31.3 31.2 34.1 32.6 22 31.5 32 32.2 32.2 31.5 32 32.3 32.5 32 32.2 31.5 32.6 32 32.8 32.8 | Minimum.  23. 2 22. 6 24. 7 24 23. 8 23. 5 23. 3 24. 4 23. 8 24. 5 24. 3 24. 4 23. 8 24. 2 24. 1 24 23. 9 23. 5 23. 5 23. 5 24. 5 23. 8 24. 5 24. 5 23. 8 24. 5 24. 5 23. 8 24. 5 24. 5 23. 8 24. 5 24 | Maximum.  °C. 33 34.3 33.3 32.1 30.3 33.3 32.1 30.3 33.1 32.8 33.1 34.6 33.3 33.6 33.6 33.6 33.6 33.7 31.6 34.6 34.1 35.1 35.7 29 26.8 | Minimum.  °C. 23. 2 23. 2 23. 1 23. 4 22. 8 23. 5 22. 2 23. 7 23. 5 24. 4 22. 8 23. 6 23. 6 23. 6 23. 6 23. 6 23. 6 23. 6 23. 6 23. 6 23. 6 23. 8 22. 1   | Maximum.  °C. 33.2 33.5 33.7 34.1 33.3 30.8 32.6 31 33.3 32.2 33.8 32.5 32.7 34.8 33.1 33.7 32.4 33.1 33.7 32.2 34.5 34.8 33.1              | Minimum.  °C. 23.4 22.6 23.4 22.6 23.9 22.5 24.3 23.9 24.1 23.9 24.1 23.9 24.2 22.6 23.7 22.9 23.4 22.8 24.8 24.8 24.8 24.8 24.8 24.8 24             | Maximum.  °C. 34.2 33.5 34.3 35.6 30.2 32.6 30.8 34.8 33.2 34.9 32.6 33.4.9 32.7 32.5 34.7 32.5 34.7 32.6 35.3 34.8   | Minimum.  21.5 21.6 21.8 22 22.5 22.3 22.5 21.1 22.9 23 22.4 22.7 28 22.5 22.5 22.1 22.7 22.5 22.1 22.7 22.2 22.5 22.3 22.3 22.3 22.3 22.3 22.3   | Maximum.  °C. 33.3 32.9 33.1 31.8 32.4 31.9 30.2 31.1 31.2 31.9 32.7 32.4 31.7 32.6 33.2 33.3 32.6 33.2 31.1 31.2 31.9                                      | Minimum.  °C. 23. 9 22. 3 22. 8 23. 9 22. 2 24 23. 2 23. 6 23. 6 23. 6 23. 2 22. 5 23. 6 23. 2 22. 7 22. 5 23. 4 23. 1 23. 6 22. 7 22. 7 22. 7 24. 2 24   | Maximum.  o.C. 34.1 35.34.6 33.6 33.2 32.2 32.2 33.5 33.4 34.8 34.8 34.8 35.6 34.6 34.6 34.6 34.6 34.6 34.7 35.5 34.7 35.7 36.7 37.7 37.7 | Min mul 23. 22. 22. 23. 22. 23. 23. 23. 22. 22.  |
|          | Maximum.  °C. 34 36.2 35.3 35.3 35.3 35.3 36.2 30.4 31.7 34.2 30.4 31.2 32.6 33.1 34.3 36 34.2 35.3 34.9 32.1 34.2 32.8 32.3 34.9 32.1 34.2 32.8          | Minimum.  °C. 24. 9 23. 8 24 25. 24. 2 23. 9 24 21. 9 24 23. 9 24 24. 1 24. 9 24 24. 1 24. 9 24 24. 1 24. 9 24 23. 9 24 24. 1 24. 9 24 24. 9   | Cala<br>Maxi-<br>mum.<br>°C.<br>31. 9<br>34.<br>32. 2<br>33. 3<br>31. 9<br>32. 33. 3<br>32. 9<br>31. 7<br>32. 31. 4<br>34. 4<br>34. 4<br>34. 4<br>34. 4<br>35. 6<br>36. 9<br>37. 9<br>38. 4<br>39. 9<br>31. 9<br>31. 9<br>32. 9<br>33. 8<br>33. 6<br>32. 9<br>33. 4<br>34. 4<br>35. 6<br>36. 9<br>37. 9<br>38. 6<br>38. 6<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9<br>38. 9   | mba.  Minimum.  °C. 23. 2 22. 2 22. 3 23. 2 22. 6 22. 6 22. 2 22. 5 22. 7 23 22. 8 22. 8 22. 4 22. 8 23 22. 9 23. 1 23. 8 21. 9 22. 3 21. 9 22. 3 22. 8  | Maximum.  C. 31.2 31.4 31.2 31.8 30.9 31.3 31.3 31.3 31.3 32.6 22 31.5 32.5 32.2 31.5 32.6 32.5 32.2 31.8 32.8                             | Minimum.  °C. 23 23.2 22.6 24.7 24 23.8 23.5 23.2 24.2 24.5 24.5 24.3 24.4 23.8 24.2 24.1 24.2 24.1 24.2 23.8 23.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24   | Maximum.  °C. 33 34.3 33.3 32.1 30.3 32.8 32.8 33.1 32.1 32.1 32.6 33.6 33.6 33.6 33.6 33.6 33.7 31.6 34.6 34.1 32.7 29                | Mini- mum.  °C. 23. 2 23. 1 23. 4 22. 8 23. 5 22. 2 23. 7 23. 5 24. 22. 8 23. 5 24. 22. 8 23. 6 22. 8 23. 6 23. 6 23. 6 23. 6 23. 6 23. 6 23. 7 23. 6 23. 6 23. 8 23. 8 23. 9 24. 4 23. 6 23. 6 23. 1 22. 4 23. 6 23. 1 22. 8 | Maximum.  °C. 33.5 33.7 34.1 33.3 30.8 32.2 30.8 32.7 34.8 32.7 34.8 33.7 32.4 35.1 33.7 32.3 33.7 32.3 33.7 32.2 34.5 33.1                 | Minimum.  °C. 23.2 4 22.6 23.5 24 23.2 23.9 22.5 9 24.3 23.9 24.1 23.9 24.1 23.9 23.8 24 22.8 23.6 23.7 22.9 23.4 23.5 24 23.5 24 24.5 24.5          | Maximum.  °C. 33. 2 33. 5 35. 6 30. 8 34. 6 36. 3 34. 3 34. 3 34. 3 34. 9 32. 6 36. 3 34. 8 33. 2 34. 7 5 34. 8 35. 2 32. 7 26. 7 26. 7   | Minimum.  °C. 21.5 21.6 21.8 22 22.5 22 22.3 22.3 22.3 22.4 23.2 22.4 23.2 22.4 23.2 22.1 22.7 22.2 22.1 22.7 22.2 22.1 22.7 22.2 22.1 22.7 22.2 22.1 22.7 22.2 22.1 22.7 22.2 23.1           | Maximum.  OC. 33.3 33.2 9 33.1 31.8 32.4 31.9 30.4 32.3 30.8 30.2 31.1 31.2 31.9 32.4 31.7 32.6 32.4 31.7 32.6 32.4 31.7 32.6 32.4 31.7 32.6 32.4 31.7 32.6 | Minimum.  | Maximum.  °C. 34.1 35 34.6 33.2 32.2 33.5 33.4 31.8 32.4 34.8 35.6 34.6 35.1 34.9 36.4 35.5 34.6 35.7 34.7 35.7                           | Mir mur 23. '23. '23. '24. '22. '1 23. '4 22. '1 23. '4 22. '1 23. '4 23 |

<sup>\*</sup> The minimum temperatures of this station are not very reliable: they seem to be too low.

Maximum and minimum temperatures at the stations of the Weather Bureau, June, 1918—Continued.

| D.:  | Tar  | ·lac.  | Ва  | ler.  | Dag  | upan.  | Bol   | inao.   | Bag  | guio.  |  | ernan-<br>Inion.  | Echa  | agüe.   |
|--|--|--|---|---|--|--|---|---|--|--|--|---|---|---|
| Day.   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   |   | Maxi-<br>mum.  | Mini-<br>mum.  |   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini<br>mum   |
| The second secon | ° <i>C</i> .   | °C.  | ° <i>C</i> .  | °C.   | °C.  | ∘ <i>C</i> .   | °C.   | °C.   | °C.  | ° <i>C</i> .   | °C.  | °C.   | °C.   | °C.   |
|  | 36<br>37. 2  | 23.7<br>22.5   | 33. 5<br>33. 5  | 21.6<br>21.7  | 37<br>33. 1  | 23.8<br>23.6   | 35  | 24.4  | 26.3   | 14.7   | 34.3   | 24  | 37.9  | 20.5  |
|  | 36.6   | 23.4   | 32.7  | 22.6  | 35.5   | 23. 0  | 33.5<br>34  | 23.5<br>23.6  | 26.5<br>24.5   | 15. 8<br>15. 9   | 33.7<br>34.4   | 24.8<br>23.2  | 37.3<br>37.8  | 22<br>22, 4   |
|  | 35. 5  | 23.5   | 32.8  | 23.1  | 36, 6  | 22.5   | 33. 9   | 24. 9   | 25. 2  | 15. 8  | 36   | 24.2  | 38  | 22.5  |
|  | 34.6   | 23.8   | 31.8  | 22.6  | 34.4   | 24   | 32.8  | 22.5  | 24.9   | 15.2   | 33   | 23.5.   | 37.3  | 22.2  |
|  | 35. 6<br>32. 6   | 23.3<br>22.8   | 31<br>31.5  | 22.6<br>22.7  | 33.9<br>34.7   | 23.2   | 33.9<br>34.1  | 24.8<br>24.5  | 24.8<br>23.3   | 15<br>15 C   | 33.9   | 23.3  | 36.5  | 21.6  |
|  | 32   | 23.5   | 31.9  | 23.5  | 34. 1  | 24.4   | 32  | 25.3  | 23.6   | 15.6<br>15.5   | 34.2<br>35   | 23.8<br>23.5  | 36.5<br>37.2  | 22. 5<br>23   |
|  | 34.2   | 22   | 32.3  | 21.9  | 36   | 23.2   | 34  | 24.5  | 24.7   | 15   | 34.8   | 23.5  | 37.6  | 23.2  |
|  | 34.6<br>34.3   | 23.7<br>24   | 32.5<br>31.8  | 22. 8<br>23. 4  | 33.3<br>33.2   | 24 23.9  | 32<br>31.6  | 24.9<br>24.9  | 23.4<br>23,4   | 15. 4  | 33.1   | 24.9  | 37  | 22.2  |
|  | 33.4   | 23.3   | 33. 2   | 22.7  | 33. 1  | 23.7   | 31. 6   | 23.6  | 23.4   | 15.3<br>15.2   | 33<br>33.5   | 25<br>23. 4   | 35.6<br>37.1  | 23<br>22. 2   |
|  | 34.6   | 23.5   | 33.4  | 23.4  | 35.6   | 23.8   | 32.4  | 24.3  | 24.3   | 15.5   | 35   | 25  | 37.1  | 23.8  |
|  | 34.7<br>36.2   | 23. 2<br>23. 7   | 32.1  | 24.5  | 35.8   | 23.6   | 33.5  | 24.5  | 25.3   | 15. 9  | 34   | 23.8  | 36.7  | 23.5  |
|  | 36.2   | 23.5   | 32. 7<br>33. 1  | 22.3<br>22.1  | 36. 9<br>36. 4   | 24.3<br>21.5   | 33. 3<br>33. 7  | 24. 1<br>22. 5  | 24.8<br>26.2   | 15.3<br>16   | 33. 5<br>33  | 23. 6<br>23   | 38.3<br>38.5  | 23.1<br>23  |
|  | 35   | 22. 5  | 32.4  | 22.7  | 35   | 23   | 32.3  | 22.3  | 26. 1  | 14.7   | 33   | 24.3  | 37. 7   | 22.6  |
|  |  | 22   | 32.6  | 22.8  | 35   | 22.5   | 33  | 23.5  | 24.6   | 15.4   | 32.9   | 22.3  | 37.9  | 21.8  |
|  | 35. 6<br>35. 4   | 23<br>23. 1  | 33. 4<br>32   | 22.7<br>23.6  | 35. 6<br>35. 3   | 23. 2<br>22. 5   | 34. 4<br>33. 6  | 24. 3<br>24. 8  | 25. 3<br>25. 3   | 14.2   | 33.5<br>33.7   | 23.3<br>23.3  | 38.5<br>37.9  | 21. 5<br>22. 1  |
|  |  | 23   | 32.6  | 21.7  | 35.7   | 23.8   | 33.7  | 23.6  | 24.6   | 15. 4<br>15. 6   | 33. 9  | 24.8  | 38  | 21. 4   |
| ••••••••   | 36.4   | 23.4   | 32.9  | 21.9  | 35.6   | 23.5   | 33.2  | 24.5  | 25.4   | 15.4   | 34.1   | 23.9  | 39. 1   | 22  |
|  |  | 23.8<br>23   | 32. 9<br>32. 7  | 23. 5<br>22. 7  | 34. 9<br>34. 6   | 24.5<br>24   | 32. 7   | 25  | 23.8<br>23.2   | 15.9   | 33.6<br>33.3   | 23. 5<br>23. 6  | 39<br>38  | 22. 4<br>23   |
|  |  | 23.6   | 32. 9   | 22. 1   | 35.2   | 23.9   |   |   | 23.8   | 15. 2<br>15. 4   | 34. 1  | 23.0  | 39  | 22. 6   |
|  |  | 23   | 33  | 22.3  | 34   | 24.1   |   |   | 23.3   | 15.6   | 33.8   | 23.6  | 37. 1   | 25  |
|  |  | 24<br>23.4   | 30. 9<br>30. 1  | 24<br>24. 1   | 31. 2<br>32. 1   | 24.8<br>25.2   | 32<br>31. 9   | 26<br>25, 6   | 22.1<br>22.9   | 16.4<br>16.7   | 32. 4<br>34  | 24. 9<br>24. 2  | 31.6<br>31.5  | 24. 4<br>24. 1  |
|  | 25. 4  | 23. 2  | 28.5  | 24.9  | 28   | 23   | 29  | 22, 5?  |  | 13.5   | 31.5   | 24.5  | 29.6  | 23.7  |
|  | 28. 4  | 22.2   | 29. 6   | 22.4  | 29.7   | 22.1   | 30.6  | 23  | 20.3   | 12.4   | 32   | 20  | 32.3  | 22  |
| Mean   | 34. 4  | 23.2   | 32.2  | 22.8  | 34. 4  | 23.6   | 32.9  | 24.1  | 24. 1  | 15.3   | 33.7   | 23.7  | 36.8  | 22.6  |
|  |  | 20.2   | 32. 2   | 44.0  | 01.1   | 20.0   | 02. 0   |   | 27.1   | 10.0   | 1  |   |   |   |
|  |  | don.   |   | gan.  |  | egarao.  | )<br><del>=</del>   | oag.  |  | arri.  |  | 1   | Sa<br>Dom   | nto   |
| Day.   |  | <u> </u>   |   | 1   |  | <u>i</u>   | )<br><del>=</del>   |   |  |  |  | ape   | Sa<br>Dom   | nto<br>ingo,  |
| Day.   |  | <u> </u>   |   | 1   |  | garao.<br>Mini-  | )<br><del>=</del>   | oag.<br>Mini-   |  |  |  | ape   | Sa<br>Dom   | nto<br>ingo,<br>anes.   |
|  | Can Maximum.   | Minimum.   | Vig   | Minimum.  | Maximum.   | Minimum.   | La  Maxi- mum.  | Mini-mum.   | Maximum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Minimum.  | Sar<br>Dom<br>Bate<br>Maxi-<br>mum.   | nto ingo, anes.  Minimum  |
| · · · · · · · · · · · · · · · · · · ·  | Maximum.   | Minimum.   | Maximum.  | Minimum.  | Maximum.   | Minimum.   | Maximum.  | Minimum.  | Maximum.   | Minimum.   | Maxi-<br>mum.  | Minimum.  | Sar<br>Dom<br>Bate<br>Maxi-<br>mum.   | minimun   |
|  | Can Maximum.  °C. 35 35.5  | don.  Minimum.  °C. 25.5 24.8  | Vig<br>Maxi-<br>mum.<br>°C.<br>33.8<br>33.7   | Mini-<br>mum.<br>°C.<br>22.7<br>24.3  | Maximum.   | Mini-<br>mum.<br>-°C.<br>24<br>23. 7<br>24. 3  | La  Maxi- mum.  °C. 35.4 35.1   | Mini-<br>mum.<br>°C.<br>23.9<br>24.6  | Maximum.   | Mini-<br>mum.<br>°C.<br>23.2<br>24.3   | Maxi-<br>mum.<br>°C.<br>33. 2<br>33. 6   | Minimum.  | Sar<br>Dom<br>Bate<br>Maxi-<br>mum.   | mto ingo, anes.  Min mun  C. 24.5   |
|  | Can  Maximum.  °C. 35, 35, 5, 33, 33, 2.   | Mini-<br>mum.<br>°C.<br>25.5<br>24.8<br>24.5<br>25.1   | Vig<br>Maxi-<br>mum.<br>°C.<br>33. 8<br>33. 7<br>32. 6<br>33. 3   | Mini-<br>mum.<br>°C.<br>22.7<br>24.3<br>25<br>24.8  | Maximum.   | Mini-<br>mum.<br>-°C.<br>24.<br>24. 24. 3. 24. 5.  | La  Maximum.  °C. 35.4 35.1 34.8  | Mini-mum.   | Maximum.  °C. 34.3 34.3 34.5 35.5  | Mini-<br>mum.<br>°C.<br>23.2<br>24.3<br>24<br>24.3   | Maximum.  °C. 33. 2 33. 6 33. 5 33. 8  | Mini-<br>mum.<br>°C.<br>25. 4<br>25. 8<br>25. 4<br>25. 6  | Sa: Dom: Bate  Maximum.  °C. 34.2 34.6 34.1 33.5  | mto<br>ingo,<br>anes.<br>Min<br>mun<br>24. 5<br>25. 1<br>25. 1  |
|  | Can Maximum.  °C. 35 35.5 33 33.2 33.6   | Minimum.  °C. 25.5 24.8 24.5 25.1 25.2   | Vig Maxi- mum.  °C. 33.8 33.7 32.6 33.3   | Minimum.  °C. 22.7 24.3 25 24.8   | Maximum.  °C. 38.2 38.8 38.5 38.5 39.2   | Minimum.  °C. 24 23.7 24.3 24.5 23.8   | Maximum.  °C. 35.4 35.1 34.8 35 34.2  | Minimum.  °C. 23.9 24.6 23.8 23.9 23.9  | Maximum.  °C. 34.3 34.3 34.5 35.5 34.8   | Mini-<br>mum.<br>°C.<br>23.2<br>24.3<br>24<br>24.3<br>24.5   | Maximum.  °C. 33.2 33.6 33.5 33.8  | Minimum.  °C. 25. 4 25. 8 25. 4 25. 6 24. 4   | Sa: Dom Bats  Maximum.  °C. 34.2 34.6 34.1 33.5 32.7  | mto<br>ingo,<br>anes.<br>Min<br>mun<br>24. 5<br>25. 1<br>24. 6<br>25. 5<br>25. 4  |
|  | Can  Maximum.  °C. 35, 35, 5, 33, 33, 2.   | Minimum.   | Vig<br>Maxi-<br>mum.<br>°C.<br>33. 8<br>33. 7<br>32. 6<br>33. 3   | Mini-<br>mum.<br>°C.<br>22.7<br>24.3<br>25<br>24.8<br>24.8<br>23.8  | Maximum.   | Minimum.  °C. 24 23.7 24.3 24.5 23.8 24.4  | La  Maximum.  °C. 35.4 35.1 34.8 35 34.2 34.2   | oag.  Minimum.  °C. 23.9 24.6 23.8 23 23.9 23.9   | Maximum.  °C. 34.3 34.3 34.5 35.5 34.8 35.1  | Mini-<br>mum.<br>°C.<br>23.2<br>24.3<br>24.3<br>24.5<br>24.1   | Maximum.  °C. 33. 2 33. 6 33. 5 33. 8 33. 6 33. 2  | Minimum.  °C. 25.4 25.8 25.4 25.6 24.4  | Sa: Dominate Bats  Maximum.  °C. 34.2 34.6 34.1 33.5 32.7 33.6  | min mun oc. 24. 5 25. 1 24. 6 25. 5 25. 8 25. 8   |
|  | Can Maximum.  °C. 35 35.5 33.2 33.6 33.1 32.5 32.6   | Mini-mum.  25.5 24.8 24.5 25.1 25.2 23.9 24.6  | Vig<br>Maxi-<br>mum.<br>°C.<br>33.8<br>33.7<br>32.6<br>33.3<br>33.3<br>32.5<br>31.9   | Minimum.  °C. 22.7 24.3 25 24.8 23.8 21.8 21.8 22.1   | Maximum.  °C. 38.2 38.8 38.5 38.5 39.2 36.7 37.6   | Minimum.  °C. 24 23.7 24.3 24.5 23.8 24.4 24.4   | Maximum.  °C. 35.4 35.1 34.8 35 34.2 34.2 34.1 33.7   | oag.  Minimum.  °C. 23.9 24.6 23.8 23.9 23.9 23.2 23.2  | Maximum.  °C. 34.3 34.5 35.5 34.8 35.1 37.4  | Mini-<br>mum.<br>°C.<br>23.2<br>24.3<br>24.3<br>24.5<br>24.1<br>25.2<br>24.1   | Maxi-mum.  °C. 33. 2 33. 6 33. 8 33. 6 33. 2 33. 6 33. 8   | Minimum.  25. 4 25. 4 25. 4 25. 4 25. 4 25. 4 25. 3   | Saa Domin Bate Maximum.  **C. 34. 2 34. 6 34. 1 33. 5 32. 7 33. 6 34. 3 34  | mto<br>ingo,<br>anes.<br>Min<br>mun<br>24.5<br>25.1<br>24.6<br>25.5<br>25.4<br>25.8<br>26.4   |
|  | Can<br>Maxi-<br>mum.<br>°C.<br>35, 5<br>33, 2<br>33, 2<br>33, 6<br>33, 1<br>32, 5<br>32, 5<br>32, 6  | Mini-<br>mum.<br>°C.<br>25.5 24.8<br>24.5 1<br>25.2 23.9<br>24.5 25.6<br>24.6  | Vig<br>Maxi-<br>mum.<br>°C.<br>33. 8<br>33. 7<br>32. 6<br>33. 3<br>32. 5<br>31. 9<br>32. 2<br>31. 9   | Minimum.  °C. 22.7 24.3 25 24.8 21.8 21.8 23.1  | Maximum.  °C. 38.2 38.8 38.5 38.5 39.2 36.7 37.6 38 39.2   | Minimum.  °C. 24. 23. 7 24. 3 24. 5 23. 8 24. 4 24. 4 24. 6 24. 6  | Maximum.  °C. 35.4 35.1 34.8 35 34.2 34.2 34.1 33.3   | Minimum.  °C. 23, 9 24, 6 23, 8 23, 9 23, 2 23 23 23 23 23 23   | Maximum.  °C. 34.3 34.5 35.5 34.8 35.1 37.4 36 35.3  | Mini-<br>mum.<br>°C.<br>23. 2<br>24. 3<br>24. 5<br>24. 1<br>25.<br>24. 1<br>25.<br>24. 24. 4   | Maxi-mum.  °C. 33. 2 33. 6 33. 8 33. 6 33. 2 33. 6 33. 8 33. 8   | Minimum.  °C. 25. 4 25. 8 25. 6 24. 4 25. 4 25. 3   | Saa Domi Bate Maximum.  **OC. 34. 2 34. 6 34. 1 33. 5 32. 7 33. 6 34. 3 34. 6 34. 3 34. 6   | min mun 24. 5 25. 1 25. 4 25. 8 26. 4 26. 4   |
|  | Can<br>Maxi-<br>mum.<br>35<br>35.5<br>33.2<br>33.6<br>33.1<br>32.5<br>32.6<br>33.3<br>33.3   | Mini-<br>mum.<br>- 25. 5<br>24. 8<br>24. 5<br>25. 1<br>25. 2<br>23. 9<br>24. 5<br>25. 6<br>24. 6<br>25. 6<br>24. 6<br>25. 6  | Vig<br>Maxi-<br>mum.<br>°C.<br>33.8<br>33.7<br>32.6<br>33.3<br>33.3<br>32.5<br>31.9<br>32.8<br>32.1<br>31.8   | Mini-<br>mum.<br>°C.<br>22.7<br>24.3<br>25.8<br>24.8<br>23.8<br>23.1<br>24.5<br>25.5  | Maximum.  °C. 38.2 38.8 38.5 39.2 36.7 37.6 38 39.2 37.7   | Mini-<br>mum.<br>°C.<br>24<br>23. 7<br>24. 3<br>24. 5<br>23. 8<br>24. 4<br>24. 4<br>24. 6<br>24. 1<br>23. 5  | Maximum.  °C. 35.4 35.1 34.8 35 34.2 34.2 34.1 33.7 33.3 33.9   | Mini-<br>mum.<br>°C.<br>23. 9<br>24. 6<br>23. 8<br>23<br>23. 2<br>23<br>23<br>23<br>23<br>24                                  | Maxi-mum.  °C. 34.3 34.5 35.5 34.8 35.1 37.4 36 35.3   | Mini-<br>mum.<br>°C.<br>23. 2<br>24. 3<br>24. 5<br>24. 1<br>25<br>24. 4<br>24. 8<br>24. 8  | Maximum.  °C. 33.2 33.6 33.5 33.8 33.6 33.8 33.8 33.6 33.8   | Mini-<br>mum.<br>°C.<br>25. 4<br>25. 4<br>25. 4<br>25. 4<br>25. 4<br>25. 4<br>25. 4<br>25. 4<br>25. 4<br>25. 5<br>26. 25. 4   | Maxi-<br>mum.<br>°C.<br>34.2<br>34.6<br>34.1<br>33.5<br>32.7<br>33.6<br>34.3<br>34.6<br>34.3  | Min mun  24. 5 25. 1 24. 6 25. 5 26. 4 26. 4 26. 4 26. 3  |
|  | Can<br>Maxi-<br>mum.<br>°C.<br>35<br>33.5<br>33.2<br>33.6<br>33.1<br>32.5<br>32.6<br>33.5<br>33.4<br>33.5  | Minimum.  25.5 24.8 24.5 25.1 25.2 23.9 24.5 25.6 25.6 25.5 26.2 23.8  | Vig<br>Maxi-<br>mum.<br>°C.<br>33. 8<br>33. 7<br>32. 6<br>33. 3<br>32. 5<br>31. 9<br>32. 2<br>31. 9   | Mini-<br>mum.<br>°C.<br>22.7<br>24.3<br>25.24.8<br>24.8<br>21.8<br>23.1<br>24.5<br>25.5<br>23.3<br>23.3<br>23.3   | Maximum.  °C. 38.2 38.8 38.5 39.2 36.7 37.6 38 39.2 37.2 38  | Minimum.  °C. 24 23.7 24.5 23.8 24.4 24.6 24.6 24.1 23.5 24.5  | Maximum.  °C. 35.4 35.1 34.8 35 34.2 34.2 34.1 33.3   | Minimum.  °C. 23, 9 24, 6 23, 8 23, 9 23, 2 23 23 23 23 23 23   | Maximum.  °C. 34.3 34.5 35.5 34.8 35.1 37.4 36 35.3  | Mini-<br>mum.<br>°C.<br>23. 2<br>24. 3<br>24. 5<br>24. 1<br>25.<br>24. 1<br>25.<br>24. 24. 4   | Maxi-mum.  °C. 33. 2 33. 6 33. 8 33. 6 33. 2 33. 6 33. 8 33. 8   | Minimum.  °C. 25. 4 25. 8 25. 6 24. 4 25. 4 25. 3   | Saa Domi Bate Maximum.  **OC. 34. 2 34. 6 34. 1 33. 5 32. 7 33. 6 34. 3 34. 6 34. 3 34. 6   | min mun mun mun mun mun mun mun mun mun mu  |
|  | Can Maximum.  °C. 35.5 33.2 33.6 33.1 32.5 32.6 33.4 33.5 33.4 33.5  | Minimum.  °C. 25.5 24.8 24.5 25.1 25.2 23.9 24.6 24.6 25.5 26.2 23.8 25.2  | Vig<br>Maxi-<br>mum.<br>°C.<br>33. 8<br>33. 7<br>32. 6<br>33. 3<br>32. 5<br>31. 9<br>32. 8<br>32. 1<br>31. 8<br>31. 6<br>32. 2  | Mini-<br>mum.<br>°C.<br>22. 7<br>24. 3<br>25<br>24. 8<br>21. 8<br>21. 8<br>23. 1<br>24. 5<br>25. 5<br>25. 5<br>23. 3<br>23. 3<br>23. 3<br>23. 3   | Tugue<br>Maxi-<br>mum.<br>°C.<br>38. 2<br>38. 5<br>39. 2<br>36. 7<br>37. 6<br>38.<br>39. 2<br>37. 2<br>38. 39. 2<br>37. 2<br>38. 39. 2 | Mini-<br>mum.<br>°C.<br>24.<br>23. 7<br>24. 3<br>24. 5<br>23. 8<br>24. 4<br>24. 4<br>24. 6<br>24. 1<br>23. 5<br>24. 5<br>24. 5<br>24. 5<br>25. 1<br>25. 1<br>25. 1<br>25. 1  | Maximum.  °C. 35.4 35.1 34.8 35.2 34.2 34.1 33.7 33.3 33.9 32.4 32.3 33.8   | Mini-mum.  °C. 23. 9 24. 6 23. 2 23 23 24 22. 6 21. 9 23. 8   | Maximum.  °C. 34.3 34.5 35.5 34.8 35.1 37.4 36 35.3 35.1 33.8 35.8   | Mini-<br>mum.<br>°C.<br>23. 2<br>24. 3<br>24. 5<br>24. 1<br>25. 24. 4<br>24. 8<br>24. 5<br>23. 5<br>24. 2<br>23. 5<br>24. 2<br>23. 2<br>24. 3                  | Maximum.  °C. 33.2 33.6 33.5 33.8 33.6 33.8 33.8 33.8 33.8 33.8 33.8   | Minimum.  °C. 25. 4 25. 8 25. 4 25. 4 25. 4 25. 4 25. 5 26. 6 25. 5 23. 5 24. 6   | Saa Doming Bats  Maximum.  °C. 34. 2 34. 6 34. 1 33. 5 32. 7 33. 6 34. 3 34. 6 34. 3 34. 6 34. 1 33. 2 34. 1 34. 7  | mingo, anes.  Min mun  24, 5, 1  24, 6, 25, 5, 26, 26, 26, 4  26, 3, 26, 6, 3, 26, 6, 26, 4, 8  25, 8   |
|  | Can  Maximum.  35, 35, 5, 33, 2, 33, 6, 33, 1, 32, 5, 32, 6, 33, 5, 33, 5, 33, 5, 33, 7, 32, 7, 32   | Minimum.  25. 5 24. 8 24. 5 25. 1 25. 2 23. 9 24. 5 25. 6 25. 5 25. 6 25. 5 26. 2 28. 8 25. 5 24. 6  | Vig<br>Maxi-<br>mum.<br>°C.<br>33.8 7<br>32.6 33.3<br>33.3 5<br>31.9 32.8 32.1 1<br>31.8 31.8 31.6 32.2 33  | Mini-<br>mum.<br>°C.<br>22. 7<br>24. 3<br>25<br>24. 8<br>21. 8<br>23. 1<br>24. 5<br>25. 5<br>25. 5<br>23. 3<br>23. 3<br>23. 3<br>24. 5  | Maximum.  °C. 38.2 38.8 38.5 38.5 39.2 36.7 37.6 38 39.2 37.2 38.1 39.6 38.3   | Mini-mum.  °C. 24 23. 7 24. 3 24. 5 23. 8 24. 4 24. 6 24. 1 23. 5 24. 5 25. 1 25. 3  | Maxi-<br>mum.  °C. 35.4 35.1 34.8 35 34.2 34.1 33.7 33.9 32.4 32.3 33.9   | oag.  Mini- mum.  °C. 23. 9 24. 6 23. 8 23 23 24 22. 6 21. 9 23. 8 21. 9  | Maximum.  °C. 34.3 34.3 35.5 35.5 35.5 35.8 35.1 37.4 36 35.3 35.1 33.8 35.8 35.8  | Mini-<br>mum.<br>°C.<br>23. 2<br>24. 3<br>24. 5<br>24. 5<br>24. 4<br>24. 5<br>24. 5<br>24. 2<br>23. 5<br>24. 2<br>23. 3  | Maxi-mum.  °C. 33. 2 33. 6 33. 5 33. 8 33. 6 33. 2 33. 6 33. 2 33. 8 33. 8 33. 8 33. 8 33. 8 33. 8 33. 8   | Mini-<br>mum.<br>°C.<br>25. 4<br>25. 8<br>25. 6<br>24. 4<br>25. 3<br>26<br>25. 5<br>24. 6<br>25. 6<br>24. 4<br>25. 3<br>26<br>27. 6<br>28. 8<br>28. 8<br>29. 8<br>29. 8<br>29. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8 | Saa Domm Bate Maximum.  **OC. 34.2 34.6 34.1 33.5 32.7 33.4 6 34.3 34.6 34.4 4 33.2 2 34.1 34.7 33.9  | mto<br>ingo,<br>anes.<br>Min<br>mun<br>24. 5. 1<br>25. 5. 25. 4<br>26. 4<br>26. 6. 6<br>24. 8<br>25. 8<br>24. 9<br>24. 26. 3  |
|  | Can  Maximum.  35 35.5 33.6 33.6 33.7 32.5 33.7 32.6 33.7 32.6 33.7 32.6 33.7  | Mini-mum.  °C. 25.5.24.8 24.5 25.12 25.2 23.9 24.5 25.6 24.6 25.5.5 25.6 26.6 26.2 28.8 25.5 24.6 24.9 24.9  | Vig<br>Maxi-<br>mum.<br>°C.<br>33. 8<br>33. 7<br>32. 6<br>33. 3<br>33. 3<br>32. 5<br>32. 1<br>31. 8<br>32. 2<br>33. 3<br>32. 2<br>33. 3<br>32. 5<br>32. 5   | Minimum.  °C. 22.7 24.3 25 24.8 24 23.8 221.8 223.3 23.3 23.3 23.5 24.6 23.8  | Maximum.  °C. 38.2 38.8 38.5 39.2 36.7 37.6 38.9 39.2 37.2 38.1 39.6 38.3 38.3   | Mini-mum.  °C. 24. 23. 7 24. 3 24. 5 23. 8 24. 4 24. 6 24. 1 23. 5 24. 5 25. 1 25. 3 24. 3   | Maximum.  °C. 35.4 35.1 34.8 35.2 34.2 34.1 33.7 33.3 33.9 32.4 32.3 33.8   | Mini-mum.  °C. 23. 9 24. 6 23. 2 23 23 24 22. 6 21. 9 23. 8   | Maximum.  °C. 34.3 34.5 35.5 34.8 35.1 37.4 36 35.3 35.1 33.8 35.8   | Mini-<br>mum.<br>°C.<br>23. 2<br>24. 3<br>24. 5<br>24. 1<br>25. 24. 4<br>24. 8<br>24. 5<br>23. 5<br>24. 2<br>23. 5<br>24. 2<br>23. 2<br>24. 3                  | Maximum.  °C. 33.2 33.6 33.5 33.8 33.6 33.8 33.8 33.8 33.8 33.8 33.8   | Minimum.  °C. 25. 4 25. 8 25. 4 25. 4 25. 4 25. 3 26 24. 4 25. 3 26 27. 6 28. 5 28. 5 28. 5 29. 5   | Saa Doming Bats  Maximum.  °C. 34. 2 34. 6 34. 1 33. 5 32. 7 33. 6 34. 3 34. 6 34. 3 34. 6 34. 1 33. 2 34. 1 34. 7  | mto<br>ingo,<br>anes.<br>Minimun<br>24, 5<br>25, 1<br>25, 5<br>25, 4<br>26, 4<br>26, 4<br>26, 4<br>26, 8<br>24, 9<br>24, 9  |
|  | Can Maximum.  °C. 35 33.5 33.2 33.6 33.1 32.6 33.4 33.5 33.7 32.6 32.9 32.7  | Minimum.  °C. 25.5 24.8 24.5 25.1 25.2 23.9 24.5 25.6 24.6 24.6 24.6 24.6 24.6 24.6 24.6 24  | Vig Maximum.  °C. 33.8 33.7 32.6 33.3 32.5 31.9 32.8 32.1 31.6 32.2 33 32 32.5 32.5 32.5 32.5 32.5 33.5   | Minimum.  °C. 222.7 24.3 25 24.8 23.8 23.1 24.5 25.5 25.5 24.6 23.8 24.6 23.8 24.9  | Maximum.  °C. 38.2 38.8 38.5 39.2 36.7 37.6 38 39.2 37.2 38.1 39.6 33.5 39.3 38.3 37.3   | Minimum.  °C. 24.3 24.5 23.8 24.4 24.6 24.1 23.5 24.5 25.1 25.3 24.4 23.7 22.2   | Maxi-mum.  °C. 35. 4 35. 1 34. 8 35 34. 2 34. 2 34. 2 34. 2 34. 2 33. 3 33. 9 32. 4 32. 3 33. 8 31. 9 33. 2 32. 1 32. 1 32. 1   | oag.  Minimum.  °C. 23.9 24.6 23.8 23.9 23.2 23 23.2 24 22.6 21.9 23.8 23.8 23.8 23.9 24.9 22.8 23.8 23.8 23.9 24.9 25.8 25.8 | Maximum.  °C. 34.3 34.5 35.5 34.8 35.1 37.4 36 35.3 35.1 33.8 35.5 32.8 32.8 33.8  | Minimum.  °C. 23.2 24.3 24.5 24.1 25.2 24.4 24.8 24.5 23.5 24.2 23.5 24.2 23.5 24.2 21.5 21.5  | Maximum.  °C. 33. 2 33. 6 33. 5 33. 8 33. 6 33. 2 33. 6 33. 2 33. 6 33. 2 33. 6 33. 2 32. 8 33. 4 31. 5 33. 6 32. 7 32. 7  | Minimum.  °C. 25.4 25.4 25.4 25.4 25.4 25.5 24.6 25.5 24.6 23.4 25.5 24.6 23.2 23 23  | Saa Doming Bats Maximum.  **OC. 34.2 34.6 34.1 33.5 32.7 33.6 34.3 34.4 33.2 34.1 34.7 33.9 34.2 34.5 34.7 33.9 34.2 34.7 33.9 34.2 34.7 34.7 33.9 34.2 34.7 34.7 34.7 34.7 34.7 34.7 34.7 34.7 | mto<br>ingo,<br>anes.<br>Minimun<br>24.525.125.1<br>24.6<br>25.54.2<br>26.4<br>26.4<br>26.3<br>24.8<br>25.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8   |
|  | Can  Maximum.  35.5.5 33.2 33.6 33.1 32.5 32.6 33.4 33.5 33.7 32.6 33.7 32.7   | Minimum.  °C. 25.5.2 24.8 24.5.1 25.2 23.9 24.5.2 23.9 24.6 25.5 24.6 24.6 24.6 24.6 24.6 25.5 24.6 24.6 24.6 25.5 24.6 24.6 24.6 24.6 25.5 24.6 24.6 24.2 23.8  | Vig<br>Maxi-<br>mum.<br>°C.<br>33. 8<br>33. 7<br>32. 8<br>33. 3<br>32. 5<br>31. 9<br>32. 1<br>31. 6<br>32. 2<br>33. 3<br>32. 5<br>31. 8<br>32. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3<br>33. 3  | Mini-mum.  °C. 22.7 24.3 25.2 24.8 21.8 23.1 24.5 25.5 22.3 23.3 24.5 24.6 23.8 24.9 22.9   | Maximum.  °C. 38.2 38.8 38.5 39.2 36.7 37.6 38 39.2 37.2 38.1 39.6 38.5 39.3 38.7 37.3   | Mini-mum.  °C. 24 23. 7 24. 5 23. 8 24. 4 24. 4 24. 4 24. 1 23. 5 25. 1 25. 3 24. 4 24. 4 25. 3 25. 1 25. 3 25. 1 25. 25. 1 25. 3  | Maximum.  °C. 35.4.2 34.2 34.1 33.3 33.9 32.4 32.3 33.8 31.9 33.2 32.1  | Mini-mum.  °C. 23.9 24.6 23.8 23 23.2 23.2 23.2 24 22.6 21.9 23.8 23.8 23.8 22.1 24 22.1                                      | Maximum.  °C. 34.3 34.3 35.5 35.5 36.8 35.1 37.4 36 35.8 35.8 35.8 35.8 34.7 32.8 33.8 33.8                                    | Mini-mum.  °C. 23. 2 24. 3 24. 5 24. 1 25 24. 4 24. 8 24. 5 24. 2 23. 5 24. 2 23. 5 23. 3 23. 3 21. 5 21. 4 22. 3  | Maximum.  °C. 33. 2 33. 6 33. 6 33. 6 33. 8 33. 6 33. 8 33. 6 33. 2 32. 8 33. 8 33. 6 33. 2 32. 8 33.  | Minimum.  °C. 25. 4 25. 4 25. 4 25. 4 25. 4 25. 4 25. 4 25. 3 26 21. 6 22. 5 23. 5 24. 6 23. 4 25. 5 23. 5 24. 4  | Sa: Doming Bate Maximum.  OC. 34.2 34.6 34.1 33.5 32.7 33.6 34.4 33.2 2 34.1 34.7 33.9 34.2 34.7 35.9   | mto<br>ingo,<br>anes.<br>Minimun<br>24. 5<br>25. 1<br>25. 8<br>26. 4<br>26. 4<br>26. 4<br>26. 4<br>26. 6<br>24. 9<br>25. 8<br>25. 4<br>26. 6  |
|  | Can  Maximum.  35.5.5 33.2 33.6 33.1 32.5 32.6 33.4 33.5 33.7 32.6 33.7 32.7   | Minimum.  °C. 25.5 24.8 24.5 25.1 25.2 23.9 24.5 25.6 24.6 24.6 24.6 24.6 24.6 24.6 24.6 24  | Vig<br>Maxi-<br>mum.<br>°C.<br>33. 8<br>33. 7<br>32. 5<br>31. 9<br>32. 8<br>32. 1<br>31. 8<br>32. 2<br>32. 2<br>32. 2<br>33. 3<br>32. 5<br>33. 3<br>32. 5<br>33. 3<br>32. 5<br>33. 3<br>33. 3<br>33. 3  | Mini-mum.  °C. 22.7 24. 3 25 24. 8 21. 8 23. 1 24. 5 25. 3 23. 3 24. 5 24. 5 24. 8 24. 9 22. 9 24. 3 23 23 23 23 23 24. 5 24. 6 24. 8 24. 9 22. 9 24. 3 23 23 23 23 23 23 23 23 24. 5 24. 6 24. 8 24. 9 22. 9 24. 3 23 23 23 23 23 23 23 23 23 23 23 23 2 | Maximum.  °C. 38.2 38.8 38.5 39.2 36.7 37.6 38 39.2 37.2 38.1 39.6 33.5 39.3 38.3 37.3   | Mini-mum.  - °C. 24. 23. 7. 24. 5. 23. 8. 24. 4. 24. 4. 24. 6. 24. 1. 23. 5. 25. 1. 25. 3. 24. 4. 22. 4. 23. 7. 22. 22. 22. 25. 21. 8. 21. 4. 23. 6.   | Maximum.  °C. 35.4.8 35.1 34.8 35.3 34.2 34.1 33.9 33.9 32.4 32.3 33.9 32.2 32.1 32.1   | Mini-mum.  23. 9 24. 6 23. 8 23. 23 23. 23 24. 22. 6 21. 9 23. 8 23. 24 22. 6 21. 9 23. 8 23. 22 24. 22. 9 24. 22. 9 25. 8    | Maximum.  °C. 34.3 34.5 35.5 34.8 35.1 37.4 36 35.3 35.1 33.8 35.5 32.8 32.8 33.8  | Minimum.  °C. 23.2 24.3 24.5 24.1 25.2 24.4 24.8 24.5 23.5 24.2 23.5 24.2 23.5 24.2 21.5 21.5  | Maximum.  °C 33.2 33.6 33.6 33.8 33.6 33.8 33.8 33.8 33.8  | Minimum.  °C. 25.4 25.4 25.4 25.4 25.4 25.5 24.6 25.5 24.6 23.4 25.5 24.6 23.2 23 23  | Sa: Domm Bate Maximum.  OC. 34. 2 34. 6 34. 1 33. 5 32. 7 33. 6 34. 3 34. 1 34. 7 33. 9 34. 2 34. 5 34. 7 35 35. 2 34. 5 34. 8  | nto ingo, anes.  Minimum  |
|  | Can Maximum.  °C. 35 33, 2 33, 6 33, 1 32, 5 32, 6 33, 4 33, 5 33, 7 32, 33, 6 32, 9 32, 7 32, 4 33, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 | don.  Minimum.  25.5 24.8 24.5 25.1 25.2 23.9 24.5 25.6 24.6 25.5 26.2 23.8 25.5 24.6 24.9 24.1 26.2 24.9 24.1 26.2 24.8   | Vig<br>Maxi-<br>mum.<br>°C.<br>33.8<br>33.7<br>32.6<br>33.3<br>33.5<br>31.9<br>32.8<br>32.1<br>31.8<br>31.6<br>32.2<br>33.3<br>32.5<br>33.3<br>33.3<br>33.3<br>32.5<br>33.3<br>32.5<br>33.3<br>32.5<br>33.3<br>32.5<br>33.3<br>33.3<br>33.5<br>33.3<br>33.5<br>33.5<br>33.5<br>33.6<br>33.7<br>33.8<br>33.7<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>33.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.8<br>34.  | Minimum.  °C. 724.3 225.2 24.8 24.8 221.8 223.3 223.3 224.6 22.9 22.9 24.3 23.9 22.9  | Maximum.  °C. 38.2 38.8 38.5 39.2 36.7 37.6 38.2 37.2 38.3 38.1 39.3 38.3 37.3 36 37.4   | Mini-mum.  °C. 24 23. 7 24. 3 24. 5 23. 8 24. 4 24. 6 24. 1 23. 5 24. 5 24. 5 25. 1 25. 3 24. 4 23. 7 22 22. 5 21. 8 23. 6 23. 6   | Maximum.  °C. 35.4 36.1 34.8 35.3 34.2 34.1 33.7 33.3 33.9 32.4 32.3 33.8 31.9 32.1 32.1 32.1 32.1 32.2   | oag.  Mini- mum.  23. 9 24. 6 23. 8 23 23. 23 24 22. 6 21. 9 23. 8 22. 8 23. 8 24. 1 22. 9 22. 22                             | Maximum.  °C. 34.3 34.5 35.5 34.8 35.1 37.4 36 35.8 35.8 35.8 35.1 33.8 35.8 35.1 35.1 35.3                                    | Mini-mum.  °C. 23.2 24.3 24.5 24.1 25 24.4 24.8 24.5 23.5 23.3 23.3 23.2 21.4 22.3 22.4 24.3   | Maximum.  °C. 33. 2 33. 6 33. 5 33. 6 33. 8 33. 6 33. 8 33. 6 33. 8 33. 6 33. 8 33. 6 33. 8 33. 6 33. 8 33. 6 33. 8 33. 8 33. 6 33. 8 33.  | Minimum.  °C. 25. 4 25. 4 25. 4 25. 3 26 22. 6 23. 5 24. 6 23. 5 24. 6 23. 4 25. 5 24. 6 25. 5 24. 6 25. 5 24. 6 25. 5 24. 6 25. 5 24. 6 25. 5 25. 6  | Sa: Doming Bate Maximum.  OC. 34.2 34.6 34.1 33.5 32.7 33.6 34.3 34.6 34.4 33.2 2 34.1 34.7 35.2 34.5 34.7 35.2 34.8 35.2   | nto ingo, anes.  Minimum  C. 24.5.25.1.6 25.5.4.25.8 26.4.26.3.26.6 24.8.8 24.9 24.6.6.25.8 25.4.9 24.6.6.6 25.5.8 26.1.5   |
|  | Can Maximum.  °C. 35 33, 2 33, 6 33, 1 32, 5 32, 6 33, 4 33, 5 33, 7 32, 33, 6 32, 9 32, 7 32, 4 33, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 | Minimum.  °C. 25.5 24.5 25.1 25.2 23.9 24.5 25.6 24.6 24.6 25.5 26.2 23.8 25.5 24.9 24.1 26.2 24 24.8 24.9 25.3  | Vig<br>Maxi-<br>mum.<br>°C.<br>33.8 7<br>32.6 6<br>33.3 3<br>32.5 31.9 9<br>32.8 32.1 31.6 32.2 33<br>32.5 33.3 33.6 33.8 6<br>32.6 33.8 6<br>33.6 33.8 6<br>33.6 33.8 6<br>33.6 33.8 6<br>33.6 33.8 6<br>33.6 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>33.8 6<br>34.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>35.8 6<br>3  | Minimum.  °C. 222.7 24.3 25 24.8 23.8 23.1 24.5 25.5 24.6 23.8 24.9 22.9 24.3   | Maximum.  oC. 38.2 38.8 38.5 38.5 39.2 36.7 37.6 38.3 39.6 38.3 38.3 37.3 36 37.4 37.7   | Minimum.  °C. 24.3 24.5 23.8 24.4 24.6 24.1 23.5 25.1 25.3 24.5 25.1 25.3 24.5 25.3 24.6 23.7  | Maximum.  °C. 35. 4 35. 1 34. 8 35 34. 2 34. 2 34. 2 34. 1 33. 7 33. 3 33. 8 31. 9 32. 4 32. 3 32. 1 32. 1 32. 1 32. 2 32. 3  | Mini-mum.  °C. 23.9 24.6 23.8 23.9 23.2 23 23 24 22.6 21.9 22.8 23.1 24 22.1 22.9 22.2 22.1                                   | Maximum.  °C. 34.3 34.3 34.5 35.5 34.8 35.1 37.4 36 35.3 35.8 35.5 32.8 34.7 32.8 33.8 35.5 32.8 33.8 35.5 32.8 33.8 35.5      | Mini-mum.  °C. 23. 2 24. 3 24. 5 24. 5 24. 4 24. 8 24. 5 23. 5 23. 3 21. 5 21. 5 22. 3 22. 24 24. 3 24. 3  | Maxi-mum.  °C. 33. 2 33. 6 33. 6 33. 8 33. 8 33. 8 33. 8 33. 8 33. 8 33. 8 33. 8 33. 2 32. 8 32. 8 33. 8 33. 2 32. 8 33. 2 32. 8 32. 8 33. 2 32. 8 33. 2 32. 8   | Minimum.  °C. 4 25. 4 25. 6 24. 4 25. 4 25. 5 23. 5 24. 4 26. 4 25. 4 25. 4 25. 4 25. 4 25. 4 25. 4 25. 4 25. 4 25. 4 25. 4 25. 4 26. 6 25. 5 23. 6 25  | Saa Doming Bats Maximum.  **OC. 34.2 34.6 34.1 33.5 32.7 33.6 34.4 34.6 34.4 33.2 34.1 34.7 33.9 34.2 34.5 35.2 34.8 35.2 35.5 2  | nto ingo, anes.  Minimum  |
|  | Can Maximum.  °C. 35 33, 2 33, 6 33, 1 32, 5 32, 6 33, 4 33, 5 33, 7 32, 33, 6 32, 9 32, 7 32, 4 33, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 | Minimum.  25.5.24.8 24.5 25.1 25.2 23.9 24.6 25.5.5 25.6 24.6 25.5.5 24.6 24.9 24.1 26.2 24 24.8 24.9 25.5.5 25.5  | Vig Maximum.  °C. 33.8 33.7 32.6 33.3 33.5 31.9 32.1 31.8 31.8 31.8 32.6 33.3 33.3 33.5 32.5 33.3 33.6 33.8 32.6 33.8 32.6  | Minimum.  °C. 22.7 24.3 25.5 24.8 21.8 21.8 22.1 24.5 25.5 22.4 23.8 24.5 24.6 22.9 22.9 24.9 22.9 24.9   | Maximum.  °C. 38.2 38.8 38.5 39.2 36.7 37.6 38.2 37.2 38.3 38.1 39.6 39.3 38.7 37.7 37.5   | Minimum.  °C. 24 23.7 24.3 24.5 23.8 24.4 24.4 24.1 23.5 25.1 25.3 24.4 22.5 21.8 21.4 23.6 23.6 23.6 23.6 23.6 23.6 23.6  | Maximum.  °C. 35.4 34.8 35.1 34.2 34.2 34.1 33.7 33.3 33.9 32.4 32.3 33.1 32.1 32.1 32.1 32.1 32.2 32.3 32.8 32.8   | oag.  Minimum.  °C. 23. 9 24. 6 23. 8 23 23. 2 23. 2 24. 22. 6 21. 9 23. 8 23. 2 24. 22. 8 23. 1 24. 22. 9 22. 22. 22. 23. 1  | Maximum.  °C. 34.3 34.3 35.5 34.8 35.1 37.4 36 35.8 35.8 35.8 35.1 37.4 36 35.8 35.1 37.4 36 35.8 35.8 35.1 35.8 35.1 35.8     | Mini-mum.  °C. 23. 2 24. 3 24. 5 24. 1 25. 4 24. 5 24. 2 23. 5 24. 2 23. 5 24. 2 23. 5 24. 2 23. 3 22 24. 3 22 24. 3 25. 1                                     | Maximum.  OC. 33. 2 33. 6 33. 5 33. 6 33. 8 33. 6 33. 8 33. 6 33. 2 33. 8 33. 6 33. 2 32. 8 33. 8 33. 6 33. 8 33. 6 33. 8 33. 6 33. 8 33. 6 33. 8 33. 6 33. 8 33. 6 33. 8 33. 6 33. 8 33. 6 33. 8 33. 6 33. 8 33. 8 33. 6 33. 8 33.  | Minimum.  °C. 25. 4 25. 4 25. 4 25. 4 25. 4 25. 4 25. 4 25. 4 25. 4 25. 4 25. 4 25. 5 24. 6 24. 4 25. 5 24. 6 25. 5 24. 6 25. 5 24. 6 25. 5 24. 6 25. 5   | Sa: Doming Bate Maximum.  OC. 34.2 34.6 34.1 33.5 32.7 33.6 34.3 34.6 34.4 33.2 2 34.1 34.7 33.9 34.2 535.2 35.2 35.2 35.2  | nto ingo, anes.  Minimum  -C. 24.55.25.1 25.1 4.6 25.5 4.25.8 26.4 4.25.8 26.4 24.8 25.4 25.25 26.25 26.5 27.26 26.5 27.26 26.7 26.7 26.7 26.7 26.7 26.7 26.  |
|  | Can Maximum.  °C. 35 33, 2 33, 6 33, 1 32, 5 32, 6 33, 4 33, 5 33, 7 32, 33, 6 32, 9 32, 7 32, 4 33, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 | Minimum.  25. 5 24. 8 24. 5 25. 5 25. 6 24. 6 24. 6 24. 6 24. 9 24. 1 26. 2 24. 8 24. 9 25. 5 5 24. 8 24. 9 25. 5 5 24. 8 24. 9 25. 3 25. 5 25. 8 24. 8 24. 9 25. 3 25. 5 25. 8 25. 5 25. 8 25. 5 25. 8 25.  | Vig Maximum.  °C. 33.8 33.7 32.6 33.3 33.5 31.9 32.8 32.1 31.6 32.2 33.3 32.5 33.3 32.5 33.6 33.6 33.8 32.6 33.6 33.6 33.6 33.6 33.6 33.6 33.6  | Mini-mum.  °C. 22.7 24.3 25.2 24.8 21.8 23.1 24.5 25.3 23.3 24.5 24.8 24.9 24.9 24.3 23.9 24.4 24.3   | Maximum.  °C. 38.2 38.8 38.5 39.2 36.7 37.6 38.3 39.2 37.6 38.3 39.7 37.6 39.6 39.7 37.7 37.3 38.3 37.3                                | Mini-mum.  °C. 24 23. 7 24. 5 23. 8 24. 4 24. 4 24. 6 24. 1 23. 5 25. 1 25. 3 24. 4 22. 5 21. 8 21. 4 23. 6 23. 4 23. 7 22. 5 21. 8 21. 4 23. 6 23. 4 23. 7 24. 7 24. 7  | Maximum.  °C. 35.4.8 35.1 34.8 35.3 34.2 34.1 33.3 33.9 32.4 32.3 32.1 32.1 32.1 32.1 32.1 32.6 32.2 32.3 32.8 31.8   | oag.  Minimum.  °C. 23.9 24.6 23.8 23.2 23.2 23.2 24.2 22.6 21.9 23.8 22.1 24.1 22.9 22.2 23.1 22.1 23.1 23.1                 | Maximum.  °C. 34.3 34.3 34.5 35.5 35.5 36.8 35.1 37.4 36 35.8 35.5 32.8 34.7 32.8 33.8 35.5 32.8 34.7 32.8 33.8 35.1 35.1 35.1 | Mini-mum.  23. 2 24. 3 24. 5 24. 5 24. 5 24. 2 23. 5 23. 3 21. 5 21. 4 22. 3 22. 24 24 3 24. 3 22. 3 7 24. 8   | Maximum.  °C 33.2 33.6 33.6 33.8 33.6 33.8 33.8 33.2 33.2 33.2 32.8 33.3 33.2 33.2   | Minimum.  °C. 25. 4 25. 4 25. 4 25. 6 24. 4 25. 5 23. 5 24. 6 23. 4 25. 4 25. 4 25. 5 24. 6 25. 4 25. 5 24. 6 25. 2 24. 8   | Sa: Domm Bate Maximum.  OC. 34. 2 34. 6 34. 1 33. 5 32. 7 33. 6 34. 3 34. 1 34. 7 33. 9 34. 5 35. 2 34. 8 35. 2 35. 2 35. 2 35. 2 35. 2   | nto ingo, anes.  Minimum 24.5 25.1 25.1 26.2 26.5 26.4 8 26.4 26.3 26.4 8 24.9 24.6 8 25.5 26 26.7 26.5 26.7 26.5 27.7 26.5 27.7  |
|  | Can Maximum.  °C. 35 33, 2 33, 6 33, 1 32, 5 32, 6 33, 4 33, 5 33, 7 32, 33, 6 32, 9 32, 7 32, 4 33, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 | don.  Minimum.  25.5 24.8 24.5 25.1 125.2 23.9 24.5 24.6 24.6 25.5 24.8 25.5 24.8 24.9 24.1 126.2 24.8 24.9 25.3 25.5 24.8 24.9 25.3 25.5 24.8 24.9 25.3 25.5 24.8 24.9 25.3 25.5 24.8 24.9 25.3 25.5 24.8 25.5 25.5 24.8 25.5 25.5 24.8 25.5 25.5 25.5 25.5 25.5 25.5 25.5 25   | Vig<br>Maxi-<br>mum.<br>°C.<br>33. 8<br>33. 7<br>32. 6<br>33. 3<br>32. 5<br>31. 9<br>32. 1<br>31. 8<br>31. 8<br>32. 2<br>33. 3<br>32. 5<br>32. 5<br>32. 5<br>32. 6<br>32. 6<br>33. 3<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>33. 3<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6 | Minimum.  °C. 22.7 24.3 25.8 24.8 24.8 23.3 23.3 23.3 24.5 24.6 23.8 24.9 22.9 24.3 23.9 24.4 24.8 24.8   | Maximum.  °C. 38.2 38.8 38.5 39.2 36.7 37.6 38.3 38.3 38.3 38.3 38.3 38.3 38.3 38  | Mini-mum.  °C. 24 23. 7 24. 3 24. 5 23. 8 24. 4 24. 6 24. 1 23. 5 25. 1 25. 3 24. 4 23. 7 22 25. 3 24. 4 23. 7 22 25. 3  | Maximum.  °C. 35.4 36.1 34.8 35. 34.2 34.1 33.7 33.3 33.9 32.4 32.3 33.8 31.9 32.1 32.1 32.1 32.1 32.1 32.1 32.1 32.1   | oag.  Mini- mum.  °C. 23.9 24.6 23.8 23.9 23.2 23 24 22.6 21.9 23.8 23.8 22.8 23.8 23.1 24.1 22.9 22.2 23.1 23.1 24.2 22.2    | Maximum.  °C. 34.3 34.5 35.5 34.8 35.1 37.4 36 35.3 35.1 33.8 33.8 33.8 35.1 35.1 35.1 35.3 35.1                               | Minimum.  °C. 23.2 24.3 24.5 24.1 25.24.4 24.8 24.5 23.5 23.5 23.5 21.4 22.3 24.3 24.3 24.3 24.3 24.3  | Maxi-mum.  °C. 33. 2 33. 6 33. 8 33. 8 33. 8 33. 8 33. 8 33. 8 33. 8 33. 2 33. 8 33. 2 33. 8 33. 2 32. 8 33. 4 31. 5 32. 8 33. 2 33. 2 33. 33 33. 2 33. 33 33. 2 33. 33 33. 34 33. 35 33 | Minimum.  °C. 425.4 425.4 425.4 425.5 23.5 625.5 23.5 625.5 425.6 625.5 523.5 625.6 625.5 625.6   | Saa Domm Bate Maximum.  **OC. 34. 2 34. 6 34. 1 33. 5 32. 7 33. 6 34. 3 34. 6 34. 4 33. 2 34. 1 34. 7 35. 2 34. 5 35. 2 35. 2 35. 2 35. 2 35. 2 35. 5 35. 1                                     | nto ingo, anes.  Minimum 24,5,1 25,1 25,2 4,5 25,2 4,5 26,2 6,4 26,3 26,6 4,2 6,3 26,6 4,2 6,5 4,2 6,5 4,2 6,5 6,5 27,2 6,5 5,2 7,2 6,5 27,2 4,3 24,3 24,9 24,6 8,2 6,4 6,5 6,5 6,5 6,5 6,5 6,5 6,5 6,5 6,5 6,5   |
|  | Can Maximum.  °C. 35 33, 2 33, 6 33, 1 32, 5 32, 6 33, 4 33, 5 33, 7 32, 33, 6 32, 9 32, 7 32, 4 33, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 | Minimum.  C. 25. 5 24. 8 24. 5 25. 1 25. 2 23. 9 24. 5 25. 2 24. 6 24. 6 24. 6 24. 6 24. 6 24. 6 24. 6 24. 6 24. 9 24. 1 26. 2 24. 8 24. 9 25. 3 25. 5 24. 8 24. 9 26. 5 2 24. 8 24. 9 26. 5 2 24. 8 24. 9 26. 5 2 24. 8 24. 9 26. 5 2 24. 8 24. 9 26. 5 2 24. 8 24. 9 26. 5 2 24. 8 24. 9 26. 5 2 24. 8 24. 9 26. 5 2 24. 8 24. 9 26. 5 2 24. 8 24. 9 26. 5 2 24. 8 24. 9 26. 5 2 24. 8 24. 9 26. 5 2 24. 8 24. 9 26. 5 2 24. 8 24. 9 26. 5 2 24. 8 24. 9 26. 5 2 24. 8 24. 9 26. 5 2 24. 8 26. 5 2 24. 9 26. 5 2 24. 9 26. 5 2 24. 9 26. 5 2 26. 5 26. 8 26. 9 26. 5 26. 9 26. 5 26. 9 26. 5 26. 9 26. 5 26. 9 26. 5 26. 9 26. 5 26. 9 26. 5 26. 9 26. 5 26. 9 26. 5 26. 9 26. 5 26. 9 26. 5 26. 9 26. 5 26. 9 26. 5 26. 9 26. 5 26. 9 26. 5 26. 9 26. 5 26. 9 26. 5 26. 9 26. 5 26. 9 26. 5 26. 9 26. 9 26. 5 26. 9 2 | Vig<br>Maxi-<br>mum.<br>°C.<br>33. 8<br>33. 7<br>32. 5<br>31. 9<br>32. 8<br>32. 1<br>31. 8<br>32. 2<br>32. 5<br>33. 3<br>32. 5<br>32. 5<br>33. 3<br>32. 5<br>32. 6<br>33. 8<br>32. 6<br>33. 1<br>32. 6<br>33. 8   | Minimum.  °C. 22.7 24.3 25 24.8 21.8 23.1 24.5 25.3 23.3 24.5 24.6 23.8 24.9 24.9 24.3 23.9 24.4 24.3 24.8 24.6 26  | Maximum.  °C. 38.2 38.8 38.5 39.2 36.7 37.6 38.3 39.2 37.7 37.6 38.3 38.3 37.3 38.3 37.7 37.5 37.7 37.3                                | Mini-mum.  °C. 24 23. 7 24. 5 23. 8 24. 4 24. 4 24. 6 24. 1 23. 5 24. 5 21. 8 21. 4 23. 2 22. 5 4 23. 4 23. 7 22 22. 5 21. 8 21. 4 23. 6 24. 7 2 | Maximum.  °C. 35.4 35.1 34.8 35.3 34.2 34.2 34.1 33.3 33.9 32.4 32.3 33.9 32.2 32.1 32.1 32.1 32.1 32.1 32.1 32.1   | Minimum.  °C. 23.9 24.6 23.8 23.9 23.2 23.2 23.2 23.2 23.2 23.1 24.2 22.1 23.1 24.2 22.4 22.4                                 | Maximum.  °C. 34.3 34.3 34.5 35.5 35.5 35.1 37.4 36.8 35.8 35.8 35.8 35.8 35.8 35.8 35.8 35                                    | Mini-mum.  °C. 23.2 24.3 24.5 24.5 24.1 25.2 24.2 24.2 23.5 23.3 21.5 21.4 22.3 22.2 24.3 24.3 22.3 22.3 22.3 22   | Maximum.  °C 33.2 33.6 33.5 33.8 33.6 33.2 33.8 33.8 33.8 33.2 33.8 33.8 33.8  | Minimum.  °C. 4 25. 4 25. 4 25. 4 25. 4 25. 5 23. 5 24. 6 23. 4 25. 4 25. 4 25. 5 24. 6 25. 6 26  | Sa: Domm Bate Maximum.  OC. 34. 2 34. 6 34. 1 33. 5 32. 7 33. 6 34. 3 4 4 33. 2 34. 1 34. 7 33. 9 34. 2 34. 5 34. 8 35. 2 34. 8 35. 2 36. 4 35 35. 1 32. 7                                      | nto ingo, anes.  Minimum 26. 24. 5. 25. 11. 24. 6. 25. 25. 8. 26. 4. 26. 3. 6. 24. 8. 24. 9. 25. 4. 8. 25. 26. 7. 26. 7. 26. 7. 24. 3. 26. 7. 26. 7. 26. 3. 26. 7. 26. 26. 26. 26. 26. 26. 26. 26. 26. 26 |
|  | Can Maximum.  °C. 35 33, 2 33, 6 33, 1 32, 5 32, 6 33, 4 33, 5 33, 7 32, 33, 6 32, 9 32, 7 32, 4 33, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 | don.  Minimum.  25.5 24.8 24.5 25.1 125.2 23.9 24.5 24.6 24.6 25.5 24.8 25.5 24.8 24.9 24.1 126.2 24.8 24.9 25.3 25.5 24.8 24.9 25.3 25.5 24.8 24.9 25.3 25.5 24.8 24.9 25.3 25.5 24.8 24.9 25.3 25.5 24.8 25.5 25.5 24.8 25.5 25.5 24.8 25.5 25.5 25.5 25.5 25.5 25.5 25.5 25   | Vig<br>Maxi-<br>mum.<br>°C.<br>33. 8<br>33. 7<br>32. 6<br>33. 3<br>33. 3<br>32. 5<br>32. 1<br>31. 8<br>32. 2<br>33. 3<br>32. 5<br>32. 5<br>32. 6<br>33. 3<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>33. 3<br>32. 5<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 6<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>33. 8<br>34. 8<br>35. 8<br>36. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37. 8<br>37  | Minimum.  °C. 724.3 225.24.8 224.8 221.8 223.3 223.3 224.6 223.8 224.9 224.9 224.9 224.4 224.3 224.6 225.5  | Maximum.  °C. 38.2 38.8 38.5 39.2 36.7 37.6 38.3 38.1 39.3 38.1 39.3 38.7 37.7 37.3 38.3 37.3 38.3 37.3 38.3 37.3 38.3                 | Mini-mum.  °C. 24. 23. 7 24. 3 24. 5 23. 8 24. 4 24. 6 24. 1 23. 5 25. 1 25. 3 24. 5 21. 4 23. 7 24. 23. 7 24. 4 23. 7 24. 4 23. 7 24. 4 23. 7 24. 4 23. 7 24. 4 23. 7 24. 5   | Maximum.  °C. 35. 4 35. 1 34. 8 35. 34. 2 34. 2 34. 1 33. 7 33. 3 33. 9 32. 3 32. 3 32. 8 32. 1 33. 33. 8 | Mini-mum.  °C. 23. 9 24. 6 23. 8 23 23 23 23 23 23 23 23 23 23 23 23 23   | Maximum.  °C. 34.3 34.5 35.5 34.8 35.1 37.4 36 35.8 35.8 35.1 35.8 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1                     | Mini-mum.  °C. 23. 2 24. 3 24. 5 24. 1 25. 1 24. 5 24. 2 23. 5 24. 2 23. 5 24. 2 24. 5 24. 2 23. 3 23. 2 24. 2 24. 3 25. 1 24. 3 25. 1 25. 7 24. 8 24. 5 24. 7 | Maximum.  OC. 33. 2 33. 6 33. 5 33. 6 33. 8 33. 6 33. 8 33. 6 33. 8 33. 6 33. 8 33. 6 33. 8 33. 6 33. 8 33. 6 33. 8 33. 6 33. 2 32. 8 33. 4 33. 4 33. 4 33. 2 32. 9 30. 6  | Minimum.  °C. 4 25. 8 25. 6 24. 4 25. 6 25. 5 23. 6 23. 4 25. 4 25. 4 25. 4 25. 4 26. 6 23. 4 26. 6 23. 4 26. 6 23. 4 26. 6 23. 4 26. 6 25. 23. 6 25. 4 26. 6 25. 23. 6 25. 4 26. 6 25. 23. 6 25. 4 26. 6 25  | Sa: Doming Bate Maximum.  OC. 34.2 34.6 34.1 33.5 32.7 33.6 34.3 34.6 34.4 33.2 2 34.1 34.7 35.2 34.5 35.2 35.4 35.2 35.2 35.4 35.2 35.2 35.2 35.2 35.2 35.2 35.2 35.2                          | nto ingo, anes.  Minimum  |
|  | Can Maximum.  °C. 35 33, 2 33, 6 33, 1 32, 5 32, 6 33, 4 33, 5 33, 7 32, 33, 6 32, 9 32, 7 32, 4 33, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 32, 6 | Minimum.  25.5 24.8 24.5 25.1 25.6 24.6 24.6 24.9 24.1 26.2 24.8 24.9 24.1 26.2 24.8 24.9 24.1 26.2 24.8 24.9 25.5 525 24.8 25.5 525 24.8 25.5 525 25.5 25.5 25.5 25.5 25.5 25.  | Vig<br>Maxi-<br>mum.<br>°C.<br>33. 8<br>33. 7<br>32. 5<br>31. 9<br>32. 8<br>32. 1<br>31. 8<br>32. 2<br>32. 5<br>33. 3<br>32. 5<br>32. 5<br>33. 3<br>32. 5<br>32. 6<br>33. 8<br>32. 6<br>33. 1<br>32. 6<br>33. 8   | Minimum.  °C. 22.7 24.3 25 24.8 21.8 23.1 24.5 25.3 23.3 24.5 24.6 23.8 24.9 24.9 24.3 23.9 24.4 24.3 24.8 24.6 26  | Maximum.  °C. 38.2 38.8 38.5 39.2 36.7 37.6 38.3 39.2 37.7 37.6 38.3 38.3 37.3 38.3 37.7 37.5 37.7 37.3                                | Mini-mum.  °C. 24 23. 7 24. 5 23. 8 24. 4 24. 4 24. 6 24. 1 23. 5 24. 5 21. 8 21. 4 23. 2 22. 5 4 23. 4 23. 7 22 22. 5 21. 8 21. 4 23. 6 24. 7 2 | Maximum.  °C. 35.4 35.1 34.8 35.3 34.2 34.2 34.1 33.3 33.9 32.4 32.3 33.9 32.2 32.1 32.1 32.1 32.1 32.1 32.1 32.1   | Minimum.  °C. 23.9 24.6 23.8 23.9 23.2 23.2 23.2 23.2 23.2 23.1 24.2 22.1 23.1 24.2 22.4 22.4                                 | Maximum.  °C. 34.3 34.3 34.5 35.5 35.5 35.1 37.4 36.8 35.8 35.8 35.8 35.8 35.8 35.8 35.8 35                                    | Mini-mum.  °C. 23.2 24.3 24.5 24.5 24.1 25.2 24.2 24.2 23.5 23.3 21.5 21.4 22.3 22.2 24.3 24.3 22.3 22.3 22.3 22   | Maximum.  °C 33.2 33.6 33.5 33.8 33.6 33.2 33.8 33.8 33.8 33.2 33.8 33.8 33.8  | Minimum.  °C. 4 25. 4 25. 4 25. 4 25. 4 25. 5 23. 5 24. 6 23. 4 25. 4 25. 4 25. 5 24. 6 25. 6 26  | Sa: Domm Bate Maximum.  OC. 34. 2 34. 6 34. 1 33. 5 32. 7 33. 6 34. 3 4 4 33. 2 34. 1 34. 7 33. 9 34. 2 34. 5 34. 8 35. 2 34. 8 35. 2 36. 4 35 35. 1 32. 7                                      | mto ingo, anes.  Minimum  24.5 25.1 25.1 24.6 6.2 25.2 26.4 26.3 6.2 25.8 26.4 26.4 26.3 6.2 25.8 26.7 26.7 26.7 27.24.3 26.7   |

# SEISMOLOGICAL BULLETIN FOR JUNE, 1918.

By Rev. MIGUEL SADERRA MASÓ, S. J., Chief, Seismic and Magnetic Divisions, Weather Bureau.

# EARTHQUAKES FELT IN THE PHILIPPINES.1

- 2,  $0^h$   $02^m$  [2,  $8^h$   $02^m$ ]. Surigao (NE Mindanao). Earthquake of intensity III. It repeated with the same intensity at  $7^h$   $09^m$  [15<sup>h</sup>  $09^m$ ].
- 7,  $11^h$   $41^m$  [7,  $19^h$   $41^m$ ]. Butuan (N Mindanao). Oscillatory earthquake of intensity II–III, duration 6 seconds.
- 8,  $1^h$   $40^m$  [8,  $10^h$   $40^m$ ]. Yap (Western Carolines). Oscillatory earthquake, direction E-W, intensity IV, duration 8 seconds.
- 8, 20<sup>h</sup> 16<sup>m</sup> 06<sup>s</sup> \* [9, 4<sup>h</sup> 16<sup>m</sup> 06<sup>s</sup>]. Central Mindanao. Earthquake of intensity IV-V felt in the districts of Cotabato, Lanao and Davao. The origin lay in the Celebes Sea, off the S coast of Mindanao.
- 11, 6<sup>h</sup> 47<sup>m</sup> 36<sup>s</sup> \* [11, 14<sup>h</sup> 47<sup>m</sup> 36<sup>s</sup>]. **Aparri** (NE Luzon.) Oscillatory earthquake, direction N-S, intensity IV, duration 7 seconds.
- 12, 7<sup>h</sup> 47<sup>m</sup> 11<sup>s</sup> \* [12, 15<sup>h</sup> 47<sup>m</sup> 11<sup>s</sup>]. Ambos Camarines (SE Luzon). Earthquake of intensity VI-VII felt chiefly in the eastern region of the Isarog Mountain. At 7<sup>h</sup> 50<sup>m</sup> [15<sup>h</sup> 50<sup>m</sup>] occurred a strong aftershock felt only at distances of about 20 kilometers. Minor aftershocks were frequent during the afternoon and the following night, in the town of Tigaon and the barrios situated on the eastern slopes. At Libod 32 perceptible shocks were noticed. All the shocks had the same character as those felt in October 1917; great intensity, very small extension and a rumbling noise preceding each one. From the barrios of Libod and Lapoc many landslides and cracks were reported; both are situated in the area limited in the south by the Rangas course and in the north by the Malsom, two rivers which very likely run along two old crevices. The Rangas starts from the very bottom of the crater through a great breach of the volcano, while the Malsom begins in a hot spring and solfatara placed at the bottom of a crevice running to the ENE.

It is certain that the origin of the shocks lies in the old volcano: a seismograph located in the town of Tigaon, some 10 kilometers E of it, was disabled during the earthquake of the 12th by shocks evidently coming from the W or from the mountain. The same instrument had recorded nineteen local similar but light shocks during the month of May and six the first eleven days of June.

The cause of so many shocks originated in the eastern side of the mountain probably lies in a readjustment which takes place in the breaks and faults there existing. Such faults could be produced by some lateral eruption or perhaps by a posterior abortive strain which fractured and ruined the oriental section of the volcanic cone.

¹ The intensity of earthquakes is given in the notation known as the Rossi-Forel scale. The time is that indicated by the seismographs at the Central Observatory whenever the disturbance has been registered by them. This fact is denoted by an asterisk (\*). Otherwise the time is that noted by the observer who sent the report. All time indications are in Greenwich mean time (midnight=0<sup>h</sup>), insular time being added in brackets for the convenience of Philippine readers.

At present the only remnants of volcanic action are many hot springs situated near the base of the cone, and a solfatara with some little activity. This issues in the bottom of a deep crevice situated north of the breach of the volcano. In former times it must have been very active to account for the thick layers of sulphur seen specially in the western side of the chasm. Close to the sulfataric vents issues and abundant hot spring very sulphuric, of a high acid taste, which forms the headwaters of the Malsom river.

This crevice and the principal breach have certainly all the appearances of fractures; their direction and starting point show also an accidental origin. While the other water courses start near the top of the cone and follow a radial direction these two have a rather transverse or tangential course.

- 21, 3<sup>h</sup> 31<sup>m</sup> [21, 11<sup>h</sup> 31<sup>m</sup>]. Naga (SE Luzon). Earthquake of intensity III, duration 4 seconds; preceded by rumbling noise.
- 21,  $15^h$   $29^m$   $23^s$  \* [21,  $23^h$   $29^m$   $23^s$ ]. E Mindanao. Earthquake of intensity V-VI, felt in the eastern part of Mindanao. The origin and epicenter seems to have been in the Agusan Valley. It was perceptible within a radius of about 200 kilometers.
- 22,  $18^h$   $07^m$  [23,  $2^h$   $07^m$ ]. Basco (Batan Islands). Earthquake of intensity III, duration 4 seconds.
- 29, 8<sup>h</sup> 15<sup>m</sup> [29, 16<sup>h</sup> 15<sup>m</sup>]. Naga (SE Luzon). Oscillatory earthquake, direction NE-SW, intensity III, duration 6 seconds.
- 29,  $21^h$   $30^m$  [30,  $5^h$   $30^m$ ]. Butuan (N Mindanao). Earthquake of intensity II–III, duration 9 seconds.

#### RECORDS OF THE MICROSEISMOGRAPH.

[Time: Greenwich mean. Midnight=0h. Instrument: Wiechert seismograph; 1,000 kilograms.  $A_N$ :  $T_0$ =6.62,  $\epsilon$ =2.726,  $\frac{r}{T_0z}$ =0.021;  $A_E$ :  $T_0$ =6.03,  $\epsilon$ =2.378,  $\frac{r}{T_0z}$ =0.037. Alluvium. 2.40 meters above sea level.]

|             |       |            |  |                          |                | . 00    |                |         |                                  |
|-------------|-------|------------|--|--------------------------|----------------|---------|----------------|---------|----------------------------------|
|             |       |            |  |                          |                | •       | Amp            | litude. |                                  |
| No.         | Date. | Character. | Phase.   | Hou                      | r.             | Period. | A <sub>N</sub> | AE      | Remarks.                         |
|             |       |            |  |                          |                |         | μ              | μ       |                                  |
| 182         | 4     | Ir         | $^{\rm eP}_{\substack{\rm L\\ \rm F}}$   | h. m<br>4 10<br>17<br>56 | 20             | 1       |                |         |                                  |
| 183         | 4     | I          | e<br>F   | 17 22<br>18 16           | 5 58           |         |                |         |                                  |
| 184         | 5     | Iv         | $\begin{array}{c} \mathbf{eP} \\ \mathbf{L} \\ \mathbf{M_E} \\ \mathbf{M_N} \\ \mathbf{F} \end{array}$ | 44                       | 34<br>36<br>44 | 3 3     | 134            | 97      |                                  |
| 185         | 5     | I          | e<br>F   | 22 40<br>23 13           | )              |         |                |         | -                                |
| 186         | 7     | I          | e<br>F   | 4 57<br>5 07             | 38             |         |                |         |                                  |
| . 187       | 7     | I          | e<br>F   | 14 44<br>15 09           | 29             |         |                |         |                                  |
| <b>18</b> 8 | 8     | Iv         | eP<br>F  | 15 07<br>10              | 24             |         |                |         |                                  |
| 189         | 8     | Ir         | $egin{array}{c} \mathbf{e}^{\mathbf{P}} \\ \mathbf{S} \\ \mathbf{L} \\ \mathbf{M_E} \end{array}$       | 20 16<br>19<br>20<br>22  | 50             |         |                | 16      | Off the south coast of Mindanao. |
|             |       |            | M <sub>N</sub><br>F  | 22<br>21 37              | 41             | 11      | 23             |         |                                  |
| 190         | 9     | Iv         | $_{\mathbf{F}}^{\mathbf{eP}}$  | 18 49<br>52              | 12             | ·       |                |         |                                  |
| 191         | 10    | I          | e<br>F   | 15 42<br>16 12           | <b>3</b> 3     |         |                |         |                                  |
| 192         | 10    | Iv         | eP<br>F  | 22 49<br>53              | 41             |         |                |         |                                  |

# SEISMOLOGICAL BULLETIN.

# Records of the microseismograph—Continued.

|      | į        |                |  |                                      |         | Ampl                | itude.   |  |
|------|----------|----------------|--|--------------------------------------|---------|---------------------|--|--|
| No.  | Date.    | Character.     | Phase.   | Hour.                                | Period. | A <sub>N</sub><br>μ | $egin{aligned} \mathbf{A_E} \ \mu \end{aligned}$ | Remarks.                               |
| 193  | 11       | $I_{ m v}$     | eP<br>F  | h. m. s.<br>6 47 36<br>52            |         |                     |  | Aparri (NE Luzon).                     |
| 194  | 11       | Iv             | eP<br>F  | 19 48 23<br>51                       |         |                     |  |  |
| 195  | 12       | IIv            | eP<br>L<br>M   | 7 47 11<br>47 49                     |         |                     |  | SE Luzon.                              |
|      | <u> </u> |                | $egin{array}{c} \mathbf{M_N} \ \mathbf{M_E} \ \mathbf{F} \end{array}$                  | 48 07<br>48 13<br>8 02               | 2 2     | 766                 | 385  |  |
| 196  | 15       | Ιv             | eP<br>L  | 5 50 33<br>50 57                     |         |                     |  |  |
|      |          |                | $egin{array}{c} \mathbf{M_E} \ \mathbf{M_N} \ \mathbf{F} \end{array}$                  | 51 07<br>51 28<br>6 00               | 4 4     | 109                 | 108  |  |
| 197  | 15       | IIv            | $_{\rm L}^{\rm eP}$  | 10 21 44<br>22 05                    |         |                     |  |  |
|      |          |                | $egin{matrix} \mathbf{M_E} \\ \mathbf{M_N} \\ \mathbf{F} \end{bmatrix}$                | 22 17<br>22 26<br>39                 | 4 4     | 531                 | 580  |  |
| 198  | 16       | $\mathbf{I_r}$ | eP<br>L<br>F   | 5 18 58<br>21 00                     |         |                     |  |  |
| 199  | 18       | Iv             | F<br>eP<br>F   | 56<br>0 54 31<br>57                  |         |                     |  |  |
| 200  | . 18     | Ιv             | eP<br>L  | 16 55 55                             |         |                     |  |  |
|      |          |                | $egin{matrix} \mathbf{M_E} \\ \mathbf{M_N} \\ \mathbf{F} \end{bmatrix}$                | 56 07<br>56 10<br>56 16<br>17 01     | 3       | 43                  | 47   | ·                                      |
| 201. | 19       | Iv             |  | 1 00 45                              |         |                     |  |  |
| 202  | 19       | Iv             | eP<br>F<br>eP<br>F   | 6 39 46<br>42                        |         |                     |  |  |
| 203  | 19       | Ιv             | $_{\mathbf{F}}^{\mathbf{eP}}$  | 20 39 52<br>51                       |         |                     |  |  |
| 204  | 20       | $I_{v}$        | eP<br>F  | 5 17 31<br>21                        |         |                     |  |  |
| 205  | 20       | Iv             | $_{\mathbf{F}}^{\mathbf{eP}}$  | 7 05 56<br>09                        |         |                     |  |  |
| 206  | 21       | Ir             | $\begin{array}{c} \mathbf{eP} \\ \mathbf{S} \\ \mathbf{L} \\ \mathbf{M_N} \end{array}$ | 5 59 49<br>6 03 53<br>04 32<br>05 00 | 6       | 37                  |  | •                                      |
| `    |          |                | $_{\rm F}^{\rm M_E}$   | 05 10<br>45                          | 6       |                     | 14   |  |
| 207  | 21       | Ιν             | eP<br>F  | 14 30 30 35                          |         |                     |  | 725.1                                  |
| 208  | 21       | IIv            | $^{\rm eP}_{\rm L}\\ {\rm M_E}\\ {\rm M_N}$  | 15 29 23<br>31 16<br>31 22           | 6       |                     | 158  | E Mindanao.                            |
| 200  | 22       |                | F  | 32 18<br>16 25                       | 6       |                     |  |  |
| 209  | 22       | Iv :           | eP<br>F<br>e   | 10 52 21<br>56                       |         |                     |  |  |
| 210  | 23       | I              | F<br>e   | 22 25 20<br>40                       |         |                     |  |  |
| 211  | 23       | Iv             | e<br>F<br>eP   | 0 45 42<br>1 03                      |         |                     |  |  |
| 213  | 24       | Iv             | F<br>eP  | 23 11 19<br>15<br>2 58 40            |         |                     |  | End quantalian by £11                  |
|      | į        |                | $egin{array}{c} \mathbf{L} \\ \mathbf{M_E} \end{array}$                                | 59 06<br>59 15                       | 3       |                     | 26   | End overtaken by following earthquake. |
| 214  | 24       | Iv             | $egin{array}{c} \mathbf{e}^{\mathrm{P}} \\ \mathbf{L} \\ \mathbf{M_{N}} \end{array}$   | 3 01 00<br>01 47                     |         |                     |  |  |

# Records of the microseismograph—Continued.

|     |            |            |  |     |  |         | Ampl                 | itude.              |
|-----|------------|------------|--|-----|--|---------|----------------------|---------------------|
| No. | Date.      | Character. | Phase.   | Но  | ur.  | Period. | $\mathbf{A_N}$ $\mu$ | A <sub>E</sub><br>μ |
| 215 | 24         | Ir         | e<br>S<br>L<br>M <sub>N</sub><br>M <sub>E</sub><br>F |     | n. s.<br>54 12<br>59 10<br>02 38<br>03 00<br>03 22 | 8       | 16                   | 12                  |
| 216 | 29         | Iv         | eP<br>F  | i   | 10<br>32 12<br>36                                  |         |                      |                     |
| 217 | 29         | Ιv         | eP<br>L<br>F   | 8 ( | 04 31<br>04 51<br>09                               |         |                      |                     |
| 18  | <b>3</b> 0 | Iv         | eP<br>F  | 8 8 | 39 11<br>42  |         | •••••                |                     |

#### TEMBLORES DE TIERRA SENTIDOS EN FILIPINAS.1

- 2, 0<sup>h</sup> 02<sup>m</sup> [2, 8<sup>h</sup> 02<sup>m</sup>]. Surigao (NE de Mindanao). Temblor de tierra de intensidad III. Repitió con la misma intensidad a 7<sup>h</sup> 09<sup>m</sup> [15<sup>h</sup> 09<sup>m</sup>].
- 7, 11<sup>h</sup> 41<sup>m</sup> [7, 19<sup>h</sup> 41<sup>m</sup>]. Butúan (N de Mindanao). Temblor oscilatorio de intensidad II-III, duración 6 segundos.
- 8, 1<sup>h</sup> 40<sup>m</sup> [8, 10<sup>h</sup> 40<sup>m</sup>]. Yap (Carolinas Occidentales). Temblor oscilatorio, dirección E-W, intensidad IV, duración 8 segundos.
- 8, 20<sup>h</sup> 16<sup>m</sup> 06<sup>s</sup> \* [9, 4<sup>h</sup> 16<sup>m</sup> 06<sup>s</sup>]. Centro de Mindanao. Temblor de tierra de intensidad IV-V sentido en los distritos de Lanao, Cotabato y Dávao. El origen se hallaba al S de la isla en el mar de Célebes.
- 11, 6<sup>h</sup> 47<sup>m</sup> 36<sup>s</sup> \* [11, 14<sup>h</sup> 47<sup>m</sup> 36<sup>s</sup>]. Aparri (NE de Luzón). Temblor oscilatorio, dirección N-S, intensidad IV, duración 7 segundos.
- 12, 7<sup>h</sup> 47<sup>m</sup> 11<sup>s</sup> \* [12, 15<sup>h</sup> 47<sup>m</sup> 11<sup>s</sup>]. Ambos Camarines (SE de Luzón). Temblor de tierra de intensidad VI-VII sentido principalmente en la región oriental del Isarog. A 7<sup>h</sup> 50<sup>m</sup> [15<sup>h</sup> 50<sup>m</sup>] ocurrió una réplica de intensidad IV sentida sólo a distancias de 20 kilómetros. Durante la tarde y noche siguientes continuaron siendo frecuentes en Tigaon y en los barrios de las laderas orientales del Isarog; así por ejemplo en Libod se contaron hasta 32 diferentes repeticiones. En este barrio y en el de Lapoc, se produjeron numerosas grietas y resbalones de terreno en los sitios pendientes y escarpados; ambos barrios están situados en el bloque o sección comprendida entre dos roturas o grietas representadas por los cauces de los ríos Rangas, que nace en el fondo del cráter o brecha oriental del volcán, y Malsom que tiene su origen en unas termas y solfataras situadas algo más al N. Tanto el temblor de tierra principal como las réplicas que le siguieron presentaban el mismo carácter de los temblores de octubre de 1917; grande intensidad y muy poca extensión, con ruido subterráneo sordo que precedía a las sacudidas del suelo.

Parece indudable que el origen de estos temblores se halla en el antiguo volcán pues en la nueva estación sísmica del pueblo de Tigaon, situado al E a unos 10 kilómetros de distancia, el sismógrafo quedó descentrado y desnivelado por impulsos procedentes del W, o sea del monte. Conviene hacer notar que dicho sismógrafo desde que se montó a fines de abril hasta que quedó inutilizado por el primer temblor del 12 de junio había registrado veinticinco choques débiles del mismo origen; diez y nueve durante el mes de mayo y seis los primeros once días de junio.

La causa de estos repetidos temblores de carácter tan local es casi seguro que está en movimientos de ajuste muy superficiales que tienen lugar en las quiebras o grietas producidas por alguna erupción o quizá por un conato de erupción lateral que causó la rotura de la sección oriental del cono volcánico, dando lugar a que se desmoronase y resultase la inmensa brecha que hoy presenta.

Los actuales restos de actividad volcánica quedan reducidos a unos pocos manantiales termales situados en diferentes sitios al rededor del Isarog, y a una solfatara que emite ya muy pocos vapores, pero que debió ser muy activa en tiempos anteriores a juzgar por los potentes bancos de azufre de sus cercanías. Está situada en el fondo de un barranco, y muy cerca de la misma y de entre los bancos de azufre surge un manantial de aguas sulfúricas, fuertemente aciduladas y de alta temperatura. También este barranco como se dijo de la brecha del volcán, parece deber su origen a una rotura o falla, pues además

La intensidad de los terremotos se indica conforme a la conocida escala de Rossi-Forel. Cuanto a la hora de su ocurrencia, adoptamos la indicada por los sismógrafos de este Observatorio siempre que los hayan registrado, distinguiéndola por medio de un asterisco (\*). En caso contrario copiamos la apuntada por los observadores que nos envían las notas. Todas las indicaciones del tiempo se refieren al tiempo medio de Greenwich (medianoche=0<sup>h</sup>). Para conveniencia de los lectores de Filipinas se añade también el tiempo insular.

de su extraordinaria profundidad y angostura tiene también al igual de la brecha una dirección mas bien tangencial que radial con respecto al centro del volcán, cosa que no sucede en los otros numerosos barrancos abiertos por las aguas torrenciales.

- 21, 3<sup>h</sup> 31<sup>m</sup> [21, 11<sup>h</sup> 31<sup>m</sup>]. Naga (SE de Luzón). Temblor de tierra de intensidad III, duración 4 segundos; precedido de ruido subterráneo.
- 21, 15<sup>h</sup> 29<sup>m</sup> 23<sup>s</sup> \* [21, 23<sup>h</sup> 29<sup>m</sup> 23<sup>s</sup>]. **E** de Mindanao. Temblor de tierra de intensidad V-VI sentido en toda la parte oriental de Mindanao. Su origen y epicentro se hallaba al parecer en el valle del Agusan. Fué perceptible en un radio de 200 kilómetros.
- 22,  $18^h$   $07^m$  [23,  $2^h$   $07^m$ ]. Basco (Islas Batanes). Temblor de tierra de intensidad III, duración 4 segundos.
- 29, 8<sup>h</sup> 15<sup>m</sup> [29, 16<sup>h</sup> 15<sup>m</sup>]. Naga (SE de Luzón). Temblor oscilatorio, dirección NE-SW, intensidad III, duración 6 segundos.
- 29,  $21^h$   $30^m$  [30,  $5^h$   $30^m$ ]. Butúan (N de Mindanao). Temblor de tierra de intensidad II-III, duración 9 segundos.

7.5715 P550

SERAL LIBRAGE

I'MIV. OF MICH

THE GOVERNMENT OF THE PHILIPPINE ISLANDS

# WEATHER BUREAU

MANILA CENTRAL OBSERVATORY

BULLETIN FOR JULY, 1918

PREPARED UNDER THE DIRECTION OF

REV. JOSÉ ALGUÉ, S. J.

DIRECTOR OF THE WEATHER BUREAU

MANILA BUREAU OF PRINTING 1918

| 원물등 보고 등 교육 (중절기 ) 선생님  |  |           |   |                     |
|---|--|-----------|---|---------------------|
|   |  |           |   |                     |
| 그렇게 이용되다 가지 않는데 그 없었다.  |  |           |   |                     |
|   |  |           |   |                     |
| 그렇게 얼마 하다 그 맛있었다.   |  |           |   |                     |
|   |  |           |   |                     |
| 무섭한 남층에 되는 이번 말했다. 시  |  |           |   |                     |
|   |  |           |   |                     |
| 그리다 하고 있었다. 이 그렇지 않는데   |  |           |   |                     |
| 한 화학화학생들은 소리왕에서 그렇게   |  |           |   |                     |
| 기하면 잃었다. 그들의 하는 이번 제품이다.  |  |           |   |                     |
|   |  |           |   |                     |
|   |  |           |   |                     |
| - 기계 경기 교육 및 기계 함께 및 동생이 되고 있다는 하게 되었다.<br>- 교육 위기 전체 등록 기계 교육 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계 |  |           |   |                     |
| 그렇게 많은 말을 보니 하는 것 같은 말로   |  |           |   | 사실 기회에 가는 사는 것      |
|   |  |           |   |                     |
| 이 되었다는 그림에서 한 어딜 때, 나는  |  |           |   |                     |
| 이용한 사람들은 하는 물로 있는데요? 말했다.   |  |           |   |                     |
| 도 15. 하는 그는 경기가 보고 하는 것이 되어 이 보고 하였다.<br>된 것은 이 것으로 있어 있는 것은 그런 물건을 되었다. 된                            |  |           | aline aline de la compaña de la colonida.<br>No transportado de la colonida de la colonida de la colonida de la colonida de la colonida de la colonida de l |                     |
| [교육] 등 [[교육은 왕이 교육의 경고를 되고  | [왕화] [ 김리 - 라고]  |           |   |                     |
|   |  |           |   |                     |
|   |  |           |   |                     |
| 사일보다 나는 아르를 받는 말이라는   |  |           |   |                     |
| [세탁시다] [11] [12] - [14] [15] [15]   |  |           |   |                     |
| 보고 있는데, 말라면 하루 마음이 하는데 보고 있는데 함께 있다.<br>  |  |           |   |                     |
| 동시 발전 불통점 그들은 이 그 그 사람이 되지 않는   |  | 하겠다는 하게하는 |   |                     |
| . 이 것 같은 그는 말이 들고 있는 것 같습니다. 이 그렇게<br>. 이 나는 것 같습니다. 이 나를 보는 것 같습니다. 이 하다.                            |  |           |   |                     |
|   |  |           |   |                     |
| 그님 않는 밥 없었다면 하는 마음을 들어 내다   |  |           |   |                     |
|   |  |           |   |                     |
| 보기되어야다. 반 등 생활하고 있었다.   |  |           |   |                     |
|   |  |           |   |                     |
| 실임하면 그 그런 그리는 그래요? 그는 다   |  |           |   |                     |
|   |  |           |   |                     |
| 내용 개통이 살아 아들아가 많은데 뭐는   |  |           |   |                     |
| 그렇게 하면 없는 사용 가장에게 있어 다시   |  |           |   |                     |
|   |  |           |   |                     |
| 일 등로 발하는 것을 하는 것 같다고 그 사람들이 같아 되는다.<br>   |  |           |   |                     |
|   |  |           |   |                     |
| 의 집과 강선된 것으로 그 전화하다   |  |           |   |                     |
| 생활하다 하나 하는데 되었다. 이 없었다  |  |           |   |                     |
| 본 등 하게 하는 그렇게 하는 것이 되었다.  |  |           |   |                     |
| 근과 관계를 하시고 하고 있다고   |  |           |   |                     |
| 되었습니다. 그 하고 하는 이 사람들이 없었다.  |  |           |   |                     |
| 보면 하면 하고 있다는 보다 없는데 없는데 없는데 없는데 없는데 없는데 없다.   |  |           |   |                     |
| 하다 마스 아이들 목소를 되지 않는 병원  |  |           |   | 불로시험 시험 환경 시 회사회에 있 |
| [발발] 등 그리고 하다 하고를 가려고 하고 하  | 이 그 여러 분들보다  |           |   |                     |
| . 15 등 15 등 15 등 15 등 15 등 15 등 15 등 15   |  |           |   |                     |
|   |  |           |   |                     |
| 도 건물을 잘 되었다면 저는 보게 이름다.   |  |           |   |                     |
|   |  |           |   |                     |
|   |  |           |   |                     |
|   |  |           |   |                     |
|   |  |           |   |                     |
| 그렇게 작가 된 이 사용을 하는데 있다.  |  |           |   |                     |
|   |  |           |   |                     |
|   |  |           |   |                     |
|   |  |           |   |                     |
|   |  |           |   |                     |
|   |  |           |   |                     |
|   |  |           |   |                     |
|   | and the second of the second o |           |   |                     |

# METEOROLOGICAL BULLETIN FOR JULY, 1918.

By Rev. Jose Coronas, S. J.,
Chief. Meteorological Division of the Weather Bureau.

#### GENERAL WEATHER NOTES.

Pressure and temperature.—With a few exceptions in the Visayas and Mindanao, the mean atmospheric pressure for this month in the Philippines is somewhat lower than the July's normal, the differences being much greater in the northern part of Luzon. The highest pressures were registered on the 31st, while the lowest took place on the 10th or 11th in northern Luzon, and on the 5th or 6th in the rest of the Archipelago.

The mean monthly temperature is slightly below the normal for this month in almost all the stations in central and northern Luzon: but it is slightly higher in southern Luzon, the Visayas and Mindanao. The extreme monthly temperatures for Manila were 33.2° C. and 22.5° C.: they were recorded on the 31st and 4th, respectively. The absolute maximum and minimum temperatures for Baguio were 24.1° C., 14.1° C. on the top of Mirador, and 24.8° C., 14.1° C. in the valley.

PRESSURE AND TEMPERATURE AT THE FIRST AND SECOND CLASS STATIONS FOR JULY, 1918.

|  |  |   | I   | ressure   | •  |   |  |  |   | Te   | mperati   | ıre.  |   |   |
|--|--|---|---|---|--|---|--|--|---|--|---|---|---|---|
| Station.   | Mean.  | Departure from July, 1917.  | Departure from normal.                                    | High-<br>est<br>mean.   | Day.   | Lowest<br>mean.   | Day.   | Mean.  | Departure from July, 1917.  | Departure from normal.                     | High-<br>est.   | Day.  | Low-<br>est.  | Day.  |
| Zamboanga Tagbilaran Surigao Cebu Iloilo Tacloban Capiz Calbayog Legaspi Atimonan Ambulong, Tanauan Paracale Manila San Isidro Dagupan Baguio a Vigan Tuguegarao Laoag | 57. 54<br>57. 68<br>57. 70<br>57. 18<br>57. 19<br>57. 21<br>56. 26<br>56. 10<br>56. 17<br>56. 48<br>56. 61<br>55. 43<br>634. 35<br>755. 13 | mm.<br>+0.75<br>+ .20<br>+ .17<br>+ .33<br>+ .07<br>+ .03<br>05<br>18<br>38<br>25<br>32<br>26<br>48<br>19<br>48<br>62<br>49 | mm. +0.13 -0.04 +.111 +.25 -36 -20 -29 -24373431.07 -1.11 | mm. 760. 22 59. 90 59. 81 59. 85 59. 99 59. 77 59. 89 59. 84 59. 11 60. 02 60. 02 758. 46 59. 78 58. 40 637. 29 758. 45 | 31<br>31<br>31<br>31<br>31<br>31<br>31<br>31<br>31<br>31<br>31<br>31<br>31 | mm 787. 20 56. 06 55. 36 55. 63 54. 78 55. 18 54. 80 54. 52 53. 96 53. 85 54. 20 752. 75 52. 26 52. 56 51. 89 | 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 11 110 110 | °C.<br>26. 7<br>27. 8<br>27. 9<br>28. 1<br>27. 5<br>27. 4<br>27. 5<br>27. 4<br>27. 7<br>27. 8<br>26. 9<br>26. 7<br>17. 3<br>26. 7<br>17. 3<br>26. 5<br>27. 7 | °C.<br>+0.5<br>+1.2<br>+.4<br>+.2<br>+.3<br>+.4<br>+.7<br>+.4<br>+.8<br>+.9<br>+.8<br>+.2<br>+.4<br>+.7<br>+.4<br>+.7 | °C.  +0.4 +.5 +.6 +.3 +.2 +.3 +.5 +.123741 | °C.<br>31. 2<br>33. 8<br>34. 2<br>32. 5<br>31. 5<br>35. 4<br>34. 9<br>31<br>33. 1<br>33. 1<br>33. 2<br>33. 5<br>35. 24. 1<br>32. 6<br>7<br>32. 9<br>34. 9 | 17<br>22<br>12<br>2<br>2<br>2<br>22<br>24<br>28, 31<br>23, 24<br>30<br>211<br>31<br>31<br>3<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>3<br>3<br>3<br>3<br>3<br>3<br>3 | °C. 22. 3 23. 21. 8 21. 5 22. 4 22. 6 22. 8 23. 22. 5 21. 8 21. 1 21. 5 21. 3 22. 6 23. 2 | 222<br>313<br>7777<br>1446<br>6 22<br>30313<br>313222<br>2422232322223232222232322222232322222222 |

a The barometric readings of this station are not reduced to sea level.

Rainfall.—The total amount of rainfall for this month is smaller than that of the preceding year and than the July's normal in practically all our stations of southern Luzon, the Visayas and Mindanao, although it is generally greater in central and northern Luzon. The monthly rainfall for Manila 621.9 mm. is 15.9 mm. above that of July, 1917,

and 218.5 mm. above the normal. Not less than 2,202.1 mm. of water were collected during this month in the gauges of Mirador, Baguio, an amount which is 1,167.8 mm. above the normal, and 1,022.2 mm. above the total rainfall for July, 1917.

RAINFALL AT VARIOUS STATIONS OF THE WEATHER BUREAU DURING THE MONTH OF JULY, 1918.

| Station.  | Total.   | Departure from<br>July, 1917.   | Departure from normal.   | Days of rain.   | Departure from<br>July, 1917.                                    | Greatest rainfall<br>in a single day. | Day.  | Station.                                | Total.   | Departure from<br>July, 1917.  | Departure from normal.  | Days of rain.  | Departure from<br>July, 1917.   | Greatestrainfall<br>in a single day.   | Day.  |
|---|--|---|--|---|--|---------------------------------------|---|---|--|--|---|--|---|--|---|
| Jolo Isabela, Basilan Zamboanga. Davao Cotabato Camp Keithley, Lanao Cagayan, Misamis Dapitan Butuan Mambajao Dumaguete Yap, Western Carolines Tagbilaran Iwahig Surigao Maasin Cebu Iloilo San Jose Buenavista. Cuyo Ormoc Guiuan Tacloban Capiz Borongan Catbalogan Catbalogan Calbayog Masbate Romblon Batag Legaspi | 73. 6<br>86. 3<br>50. 4<br>180. 3<br>73. 7<br>75. 6<br>219. 4<br>27. 1<br>1132. 9<br>496. 9<br>27. 2<br>263. 3<br>37. 6<br>162. 9<br>66. 5<br>428. 7<br>500. 6<br>64. 4<br>48<br>82<br>49. 8<br>102. 3<br>102. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3<br>103. 3 | -160. 5 -126. 6 -19 + 39 +144. 6 -80. 3 -82. 8 -111. 6 +204. 9 -15. 6 -386. 4 -105. 4 -63 | -123.8 -19.9 -146.1 -102.1 -102.1 -102.1 -103.1 -104.7 -222.5 -101.8 -28.3 -100.6 +1.8 +25.2 -180.1 -125.7 -247.7 -142.3 -52.8 -51.6 -51.6 -51.6 -51.6 | 12<br>10<br>11<br>5<br>5<br>11<br>18<br>4<br>14<br>8<br>9<br>9<br>7<br>11<br>10<br>6<br>6<br>8<br>10<br>10<br>11<br>3 | - 8 - 13 11 13 - 6 0 0 0 - 6 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 | 85.6<br>40.4<br>8.9                   | 5 3 3 5 5 5 2 4 4 2 7 3 2 6 3 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | San Isidro Tarlac Baler Dagupan Bolinao | 264. 9<br>75. 7<br>67. 9<br>248. 7<br>174. 5<br>102<br>198<br>621. 9<br>714. 8<br>608. 1<br>479. 4<br>214. 3<br>904. 3<br>719. 8<br>2, 202. 1<br>961. 6<br>138. 9<br>1, 481. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, 245. 2<br>1, | + 27. 5<br>-112. 2<br>-174. 4<br>-96. 9<br>-44. 1<br>-277. 6<br>-242. 9<br>-32. 1<br>+ 15. 9<br>+ 3. 2<br>-66. 3<br>+169. 8<br>+1.022. 2<br>+151. 1<br>-146. 4<br>+1.032. 9<br>+181. 9 | -133.8 -149.7 -149.7 -149.7 -1218.5 -122.8 +242.4 +63.7 +62.4 +1.167.8 +359.4 +557.2 -84.5 +608.5 +10.7 | 13<br>8<br>10<br>17<br>11<br>11<br>11<br>21<br>21<br>9<br>23<br>25<br>28<br>29<br>28<br>29<br>28<br>29<br>14<br>27<br>26<br>30<br>29<br>14<br>27<br>26<br>26<br>30<br>29<br>14<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21 | $\begin{array}{c} -4 \\ -7 \\ -18 \\ -11 \\ -8 \\ +2 \\ -12 \\ -3 \\ -4 \\ -3 \\ -11 \\ -15 \\ -1 \\ -15 \\ -3 \\ -1 \\ -15 \\ -10$ | 45.7<br>11.6<br>36<br>171<br>16.3<br>32.5<br>71.2<br>62<br>271.5<br>282.2<br>192.5<br>100.4<br>49.8<br>61.2<br>213.6<br>113.9<br>254.3<br>152.1<br>49.5<br>280.6<br>176.3<br>187.3 | 30<br>4<br>28<br>25<br>10<br>9<br>28<br>7<br>9<br>9<br>27<br>10<br>22<br>5<br>10<br>9<br>21<br>22<br>25<br>10<br>21<br>22 |

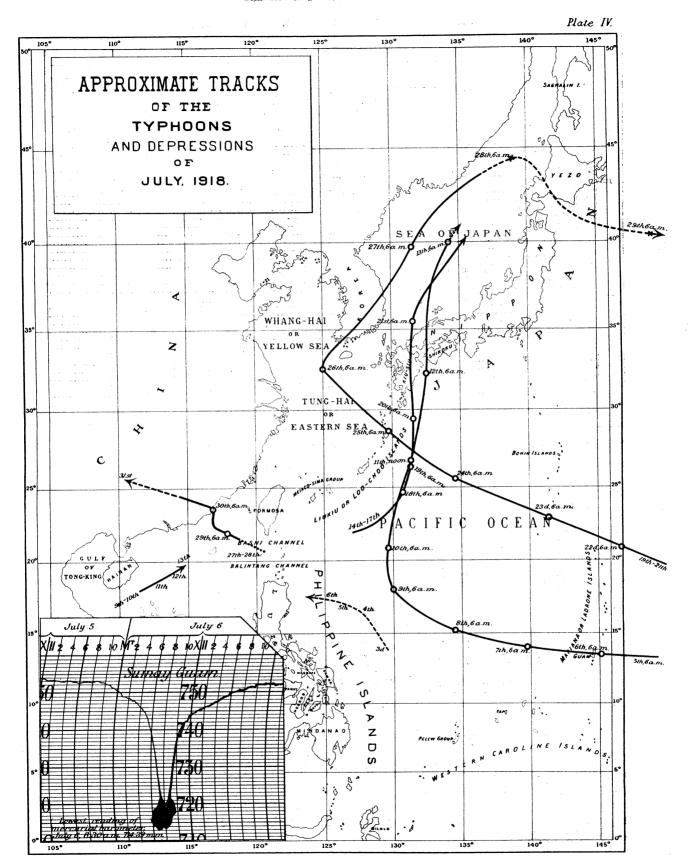
### DEPRESSIONS AND TYPHOONS.

There were no less than six typhoons in the Far East during this month, none of which, however, crossed the Philippine Islands. Their tracks my be seen in Plate IV.

THE GUAM TYPHOON: JULY 5 TO 15, 1918.

We begin with the typhoon that struck Guam in the morning of the 6th as we consider it the most important. The first signs of this typhoon were given by our observations of Guam in the early morning of the 5th, when the cyclonic center was probably situated near 150° longitude E and 13° latitude N. As the typhoon was then well developed already, we have no means to ascertain the region where its origin took place.

The following table contains some of the observations taken at our stations of Sumay, Guam, and Yap, Western Carolines, on the 4th to 8th of this month.



| METEOROLOGICAL | ORSERVATIONS TO | R JULY 4 TO 8 1918 |
|----------------|-----------------|--------------------|
|                |                 |                    |

|                | Sun       | nay, Guam,    | Ladrone | Islands.   |                      |            | Yap, W        | estern C | arolines. |                    |
|----------------|-----------|---------------|---------|------------|----------------------|------------|---------------|----------|-----------|--------------------|
| Date and hour. | Pressure. | Win           | d.      | State of   | Rain, 24<br>hrs. be- | Pressure.  | Wind          | i.       | State of  | Rain, 2            |
|                |           | Direction.    | Force.  | the sea.   | ginning<br>6 a. m.   | r ressure. | Direction.    | Force.   | the sea.  | ginning<br>6 a. m. |
| July 4:        | mm.       |               | 0-12.   |            | mm.                  | mm.        |               | 0-12.    |           | mm.                |
| 6 a. m         | 756, 15   | 10            | ١.      | a .        | 1                    |            |               |          |           | 1                  |
| 2 p. m         | 55.30     | E<br>E        | 1       | Calm       |                      | 755. 94    | $\mathbf{sw}$ | 3        | Slight    |                    |
| July 5:        | 55.30     | E             | 1       | Calm       |                      | 55.47      | sw            | 3        | do        | 42.7               |
| 6 a. m         | 54, 10    | N             | 1       | Calm       |                      | 55, 24     | sw            |          | GI:-L4    | 1                  |
| 2 p. m         |           | Ñ             | î       | Calm       | 59.7                 | 54. 51     | wsw           | 4 3      | Slight    |                    |
| July 6:        | 1         | -1            | •       | Cann       | 35.1                 | 04. 51     | Waw           | 3        | do        | 65. 1              |
| 6 a. m         | 41.89     | NW            | 9       | Very rough | l                    | 55, 42     | w             | 3        | Slight    | 1                  |
| 7 a. m         | 29.65     | NW            | 12      | do         |                      |            | •••           |          | Diigiit   |                    |
| 7.40 a. m      | 22.34     | S             | 12      | do         |                      |            |               |          |           |                    |
| 8.10 a. m      | 19.09     | S             | 12      | do         |                      |            |               |          |           | i                  |
| 8.20 a. m      | 15.39     | S             | 12      | do         |                      |            |               |          |           |                    |
| 8.30 a. m      | _ 14.39   | 8888          | 12      | do         |                      |            |               |          |           |                    |
| 9.20 a. m      | 28. 32    | Š             | 12      | do         |                      |            |               |          |           |                    |
| 10 a. m        | 34.30     | S             | 12      | do         |                      |            |               |          |           | \                  |
| 10.40 a. m     | 38.28     | š             | 12      | do         |                      |            |               |          |           |                    |
| 11.20 a. m     | 43, 26    | š             | 12      | do         |                      |            |               |          |           |                    |
| 2 p. m         | 45.76     | š             | 10      | do         | 266.7                | 54.83      | w             | 4        | Moderate  | 61. 5              |
| 4 p. m         | _ 50, 24? | š             | 3       | do         | 200.1                | 01.00      | **            | *        | moderate  | 61.6               |
| 6.30 p. m      | 53, 10?   | š             | ĭ       | do         |                      |            |               |          |           |                    |
| July 7:        | 1 1       | ~             | -       | 40         |                      |            |               |          |           |                    |
| 6 a. m         | _ 53. 14  | $\mathbf{SE}$ | 1       | Rough      |                      | 53, 25     | WSW           | 5        | Moderate  |                    |
| 7.36 a. m      |           |               |         |            |                      | 53, 45     | WSW           | 4        | do        |                    |
| 8.32 a. m      |           |               |         |            |                      | 54, 10     | WSW           | 6        | do        |                    |
| 9 a. m         | -         |               | i.      |            |                      | 54.21      | WSW           | š        | do        |                    |
| 11 a. m        | -         |               | l       |            |                      | 53, 22     | WSW           | 5        | do        |                    |
| 1 p. m         | -         |               |         |            |                      | 52, 36     | wsw           | 5        | do        |                    |
| 2 p. m         | _ 54.32   | SE            | 2       | Rough      | 111.8                | 51. 73     | WSW           | 5        | do        | 20.1               |
| 3.13 p. m      | -         |               |         |            |                      | 51, 71     | wsw           | 5        | do        | 20.1               |
| 4 p. m         | -         |               |         |            |                      | 51.89      | wsw           | 6        | do        |                    |
| 5.15 p. m      | -         |               |         |            |                      | 51.74      | wsw           | 6        | do        |                    |
| 6.30 p. m      | -!        |               |         |            |                      | 51.94      | wsw           | 6        | do        |                    |
| 8.25 p. m      | -         |               |         |            |                      | 53.00      | wsw           | 5        | uo        | <b></b>            |
| July 8:        |           |               |         |            |                      | 55.00      | ****          |          |           |                    |
| 6 a. m         |           | s             | 3       | Rough      |                      | 53.14      | sw            | 5        | Moderate  |                    |
| 2 p. m         |           | SŠE           | i       | do         | 30. 5                | 54, 51     | sw            | 5        | moderace  | 23.9               |
|                | 1         |               | -       |            | 30.0                 | 02.01      | 577           | ן ט      |           | 25.9               |

It is clear from the observations of Guam that the vortex of the typhoon passed very close to the north of that station, where the barometric minimum observed was as low as 714.39 mm. at 8.30 a. m. of the 6th. The barometer fell about thirty millimeters in three hours. The winds blew with full hurricane force for over five or six hours causing great damage to the buildings, roads, trees, etc. It is considered as one of the most violent storms that have visited Guam for many years.

The observation taken at Yap at 6 a. m. of the 7th as compared with that of Guam of the same day and hour tend to show clearly that the typhoon had been moving on the 6th almost due west with a very slight inclination to the north. The center could be situated at that time in about 140° longitude E and 14° latitude N. It was fortunate for the Philippines that the typhoon began to incline slightly to the north on the 7th, the inclination becoming more remarkable on the 8th until it moved decidedly northward on the 9th. Thus the Manila Observatory was able to say on the morning of the 10th that all danger for Luzon had disappeared in the following words:

July 10, 11.50 a.m.—Owing to lack of sufficient observations, particularly from Japan and the Loochoos, it is impossible as yet to give the exact position of the typhoon this morning, although it seems certain that it has reached already latitude 20° N, thus disappearing any danger of striking Luzon.

The typhoon moved NNE and N after the 10th until it struck the southwestern part of Japan on the 12th, moving northward. The violence of the storm over southwestern Japan seems to have been as great as when the typhoon passed over Guam. Its rate of progress had been more than doubled since the eighth and ninth. Yet, strange as it may seem, it is out of question that, on reaching the central part of the Sea of Japan, the typhoon stopped suddenly, remaining stationary for about two days until it finally filled up on the spot.

In Plate V our readers may see the isobars and position of the center of the typhoon for 6 a. m. of the 6th, 2 p. m. of the 7th, 6 p. m. of the 10th, noon of the 11th, 6 a. m. of the 12th, and 6 a. m. of the 13th. The barographic record obtained at Sumay, Guam, is included in Plate IV.

THE TYPHOON OF THE NORTHERN LOOCHOOS AND KOREA: JULY 19 TO 29, 1918.

Judging from the observations of Guam and the Bonins, it would seem that this typhoon, the second in importance of this month, formed on the 19th to 21st to the NNE of Guam near 20° latitude N and 150° longitude E. It moved WNW, its center being situated at 6 a. m. of the 23rd about 200 or 250 miles south of the Bonins, where the barometer had fallen to 746.5 mm. with winds from the NE.

At 6 a.m. of the 25th the cyclonic vortex was over the northern part of the Loochoos, the barometer of Oshima being as low as 729.5 mm. The typhoon was then moving NW, and it kept this direction until the 26th when it recurved northeast toward the southern part of Korea and the Sea of Japan.

#### OTHER TYPHOONS OR DEPRESSIONS OF LESS IMPORTANCE.

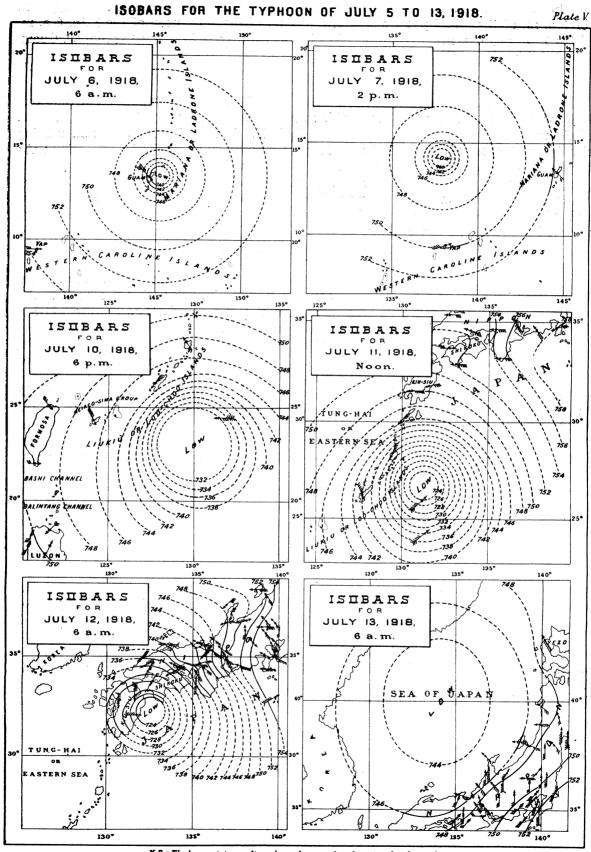
A depression or typhoon appeared on the 3rd of this month to the east of southern Luzon near 129° or 130° longitude E and 14° latitude N. It probably moved northwestward on the 3rd, and after remaining almost stationary for two or three days it finally filled up on the 6th to the east of northern Luzon.

Another typhoon formed on the 9th to 10th near and to the northwest of the Paracels; it moved northeastward very slowly on the 11th and 12th, and seems to have filled up on the 13th near  $114^{\circ}$  or  $115^{\circ}$  longitude E and  $19^{\circ}$  or  $20^{\circ}$  latitude N.

On the 14th to 17th a typhoon of no great importance developed to the south of the Loochoos near 22° or 23° latitude N and 127° or 128° longitude E. At 6 a. m. of the 18th the center was situated near 25° latitude N and 131° longitude E. Since that day the typhoon moved northward crossing the southwestern part of Japan during the afternoon and night of the 20th, and filling up in the evening or night of the 21st over the Sea of Japan near 40° latitude N and 135° longitude E.

After the preceding typhoon reached Japan on the 20th the atmospheric pressure remained considerably low for two or three days to the northeast of Luzon and south of the Loochoos. The observations at hand, however, are so scanty that it is impossible for us to draw the track of any depression or typhoon.

The last typhoon of the month was probably formed on the 27th to 28th to the south of Formosa between 120° and 121° longitude E, and between 20° and 21° latitude N. It is much to be regretted that no observations have been received as yet from Santo Domingo, Batanes Islands, at the time we are writing these notes. Hence the first part of the track of this typhoon is given only as probable in Plate IV. At 6 a. m. of the 29th the typhoon was situated near 118° longitude E and 22° latitude N moving WNW. It kept this direction until the afternoon of the same day when it began to move northwest and north, thus entering China close and to the north of Swatow in the early morning of the 30th. Once in China the typhoon moved again WNW until it probably filled up on the 31st to the northwest of Hongkong.



N.B.- The barometric readings have been reduced to standard gravity.

#### NOTAS GENERALES DEL TIEMPO.

Presión y temperatura.—Con pocas excepciones de Visayas y Mindanao, la presión atmosférica media de este mes en Filipinas es algo menor que la normal de julio, siendo mayores las diferencias en la parte N de Luzón. Las presiones más altas se observaron el día 31, al paso que las más bajas tuvieron lugar el 10 u 11 en el N de Luzón, y el 5 ó 6 en el resto del Archipiélago.

La temperatura media de este mes es ligeramente menor que la normal de julio en casi todas las estaciones del centro y N de Luzón; pero es algo mayor en el S de Luzón, en Visayas y Mindanao. Las temperaturas extremas del mes en Manila fueron 33.2° C. y 22.5° C. que se registraron los días 31 y 4, respectivamente. Las temperaturas máxima y mínima absolutas del mes en Baguio fueron 24.1° C., 14.1° C. en la cumbre del Mirador, y 24.8° C., 14.1° C. en el valle.

Precipitación acuosa.—La cantidad total de lluvia de este mes es menor que la del año pasado y que la normal de julio en casi todas nuestras estaciones del S de Luzón, de Visayas y Mindanao, aunque es generalmente mayor en el centro y N de Luzón. La lluvia total del mes en Manila 621.9 mm. difiere de la de julio de 1917 en +15.9 mm., y de la normal de este mes en +218.5 mm. No menos de 2,202.1 mm. de agua se recogieron en los pluviómetros de Mirador, Baguio, cantidad que excede a la normal de este mes en 1,167.8 mm., y a la lluvia total de julio de 1917 en 1,022.2 mm.

#### DEPRESIONES Y TIFONES.

Durante este mes hubo en el Extremo Oriente no menos de seis tifones, ninguno de los cuales, sin embargo, cruzó las Islas Filipinas. Sus trayectorias pueden verse en la Lámina IV.

#### EL TIFÓN GUAM: JULIO 5 AL 15, 1918.

Empezamos por el tifón que desfogó en Guam la mañana del día 6, por considerarlo el más importante. Los primeros indicios de este tifón los dieron nuestras observaciones de Guam hechas la madrugada del 5, cuando el centro ciclónico se hallaba probablemente cerca de 150° longitud E y 13° latitud N. Como el tifón se hallaba ya entonces bien desarrollado, no nos es posible determinar la región en que tuvo lugar su origen.

En el texto inglés damos algunas de las observaciones hechas en nuestras estaciones de Sumay, Guam, y Yap, Carolinas Occidentales, del 4 al 8 de este mes.

De las observaciones de Guam resulta evidente que el vórtice del tifón pasó muy cerca por el N de dicha estación en que la mínima barométrica fué 714.39 mm., observada a las 8.30 a. m. del día 6. El barómetro bajó unos treinta milímetros en tres horas. Los vientos soplaron con fuerza de pleno huracán durante más de cinco o seis horas causando grandes daños a los edificios, caminos, árboles, etc. Se le considera como uno de los baguios más violentos que se han dejado sentir en Guam en muchos años.

La observación hecha en Yap a las 6 a.m. del día 7, si se compara con la de Guam del mismo día y hora, demuestra claramente que el tifón se había movido el día 6 casi directamente al W con una muy ligera inclinación al N. El centro pudo situarse en aquella hora en los alrededores de 140° longitud E y 14° latitud N. Afortunadamente para Filipinas el tifón empezó a inclinarse ligeramente al N el día 7, inclinación que llegó a ser más notable el día 8, hasta que se movió decididamente al N el día 9. Así fué posible para el Observatorio de Manila anunciar la mañana del día 10 que había desaparecido todo peligro para Luzón, en los siguientes términos:

Julio 10, 11.50 a.m.—Debido a la falta de suficientes observaciones, especialmente de Japón e Islas Loochoos, es imposible por ahora dar la posición exacta del tifón esta mañana, aunque parece

seguro que ya ha alcanzado el paralelo 20° N, desapareciendo por tanto todo peligro de atravesar la Isla de Luzón.

El tifón se movió al NNE y N después del día 10 hasta que llegó a la parte SW de Japón el día 12 moviéndose al N. La violencia del temporal en el SW de Japón parece haber sido tanta como la que tuvo cuando pasó por Guam. Su velocidad de traslación se había más que duplicado desde los días 8 y 9. Con todo, extraño como parece, está fuera de duda que en cuanto llegó a la parte central del Mar de Japón, el tifón se detuvo súbitamente, permaneciendo estacionario por unos dos días hasta que por fin se deshizo sin seguir más adelante.

En la Lámina V pueden nuestros lectores ver las isobaras y la posición del centro de este tifón a las 6 a.m. del día 6, 2 p.m. del 7, 6 p.m. del 10, mediodía del 11, 6 a.m. del 12 y 6 a.m. del 13. El registro barográfico obtenido en Sumay, Guam, va incluído en la Lámina IV.

EL TIFÓN DEL N DE LOOCHOOS Y DE KOREA: JULIO 19 AL 29, 1918.

A juzgar por las observaciones de Guam y de Bonins, parece que este tifón, el segundo en importancia de este mes, se formó del 19 al 21 al NNE de Guam cerca de 20° latitud N y 150° longitud E. Se movió al WNW, hallándose su centro a las 6 a. m. del 23 a unas 200 ó 250 millas al S de Bonins, en donde el barómetro había bajado a 746.5 mm. con vientos del NE.

A las 6 a. m. del 25 el vórtice ciclónico se hallaba en la parte N de Loochoos, habiendo bajado el barómetro de Oshima a 729.5 mm. El tifón se movía entonces al NW, y conservó esta dirección hasta el día 26 en que recurvó al NE dirigiéndose a la parte meridional de Korea y al Mar de Japón.

#### OTROS TIFONES O DEPRESIONES DE MENOS IMPORTANCIA.

Una depresión o tifón apareció el día 3 de este mes al E del sur de Luzón cerca de 129° ó 130° longitud E y 14° latitud N. Se movió probablemente hacia el NW el día 3, y después de haber permanecido casi estacionario durante dos o tres días, acabó por deshacerse el día 6 al E del norte de Luzón.

Otro tifón se formó del 9 al 10 cerca y al NW de Paracels; se movió al NE muy lentamente los días 11 y 12, y parece haberse deshecho el 13 cerca de 114° ó 115° longitud E y 19° ó 20° latitud N.

Del 14 al 17 se desarrolló un tifón de poca importancia al S de Loochoos cerca de 22° ó 23° latitud N y 127° ó 128° longitud E. A las 6 a. m. del 18 el centro se hallaba cerca de 25° latitud N y 131° longitud E. A partir de este día el tifón se movió al N atravesando la parte SW de Japón el día 20, y deshaciéndose la tarde o noche del 21 en el Mar de Japón, cerca de 40° latitud N y 135° longitud E.

Después que el tifón anterior llegó a Japón el día 20, la presión atmosférica permaneció considerablemente baja por dos o tres días al NE de Luzón y S de Loochoos. Las observaciones que poseemos, sin embargo, son tan escasas, que nos es imposible dar para estos días la trayectoria de ninguna depresión o tifón.

El último tifón del mes se formó probablemente del 27 al 28 al S de Formosa entre 120° y 121° longitud E, y entre 20° y 21° latitud N. Es mucho de sentir que las observaciones de Santo Domingo, Islas Batanes, no se hayan recibido aún cuando escribimos estas notas. De ahí que la primera parte de la trayectoria de este tifón se dé sólo como probable en la Lámina IV. A las 6 a. m. del 29 el tifón se hallaba cerca de 118° longitud E y 22° latitud N, moviéndose al WNW. Siguió esta dirección hasta la tarde del mismo día en que empezó a moverse al NW y N, penetrando así en China cerca y por el N de Swatow la madrugada del 30. Una vez en China el tifón volvió a moverse al WNW hasta que probablemente se deshizo el día 31 al NW de Hongkong.

# METEOROLOGICAL DATA FOR MANILA CENTRAL OBSERVATORY.

[ $\phi$ =14° 84′ 41″ N;  $\lambda$ =120° 58′ 88″ E; barometer above sea, 14.2 meters; gravity correction not applied, -1.72 mm.]

|                           |  | Air te  | empera   | ture.b  |  | Underg   | roun   | d temp  | erature   | •   |  |                                 |  | F   | <b>Ladia</b> ti   | on.  | Evapo   | ration.   |
|---------------------------|--|---|--|---|--|--|--|---|---|---|--|---------------------------------|--|---|---|--|---|---|
| Day.                      | Pres-<br>sure<br>(mean).   | Mean.   | Maxi-<br>mum.  | Mini-<br>mum.   | 0.25 me  |  | .50 m  |   | 1.50<br>meters.<br>8 a. m.  | 2.50<br>meters.<br>8 a. m.  | Relative hum ity   | id-                             | Vapo<br>pres<br>sure<br>(mean  | - Mi  | ni- m<br>im in<br>Bl<br>ss. bu  | axi-<br>um<br>sun.<br>ack<br>lb in   | Free exposure (to-tal).   | Shelte<br>(total)   |
| 1                         | 54. 20<br>55. 95<br>56. 88<br>54. 79<br>56. 27<br>56. 27<br>56. 46<br>56. 97<br>57. 54<br>57. 54<br>57. 54<br>57. 54<br>57. 55<br>57. 53<br>55. 72<br>55. 72<br>55. 39 | °C. 27. 4 27. 5 26. 5 26. 5 26. 5 26. 5 25. 5 26. 9 27. 3 26. 9 27. 8 27. 7 28. 2 27. 8 27. 8 26. 5 25. 5 26. 5 26. 5 27. 3 26. 9 27. 8 27. 8 28. 2 27. 8 28. 2 26. 5 25. 2 26. 1 26. 8 | °C. 33 32.2 31.1 29 30.1 31 26.1 27.4 29.7 31 31.3 31.5 31.4 30.3 31.5 31.4 30.3 31.5 31.4 30.3 31.5 31.4 30.3   | °C. 23. 6 23. 7 23. 2 22. 5 24. 2 24. 5 24. 6 24. 6 25. 6 25. 6 25. 6 26. 1 26. 4 26. 6 27 28. 8 28. 8 28. 8 28. 8 28. 8 28. 8 28. 8  | °C. 27.6 227.6 228.8 229.2 228.7 228.7 228.5 25.5 25.5 26.3 26.7 26.8 27.4 28.7 28.7 28.7 28.7 28.7 28.7 28.7 28.7 | C. 29, 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | C. 7 29.3 29.8 29.5 29.5 29.5 29.5 29.5 29.5 29.5 29.5 | 2 p.m.<br>°C.<br>28.8 29.8 29.8 29.8 29.8 29.7 29.4 26.6 6 27.6 7 27.8 28.4 28.8 8 29.1 1 29.1 29.2 29.4 4 29.3 1 29.2 29.4 4 29.3 1 29.2 29.4 4 29.3 1 29.3 29.3 29.3 29.3 29.3 29.3 29.3 29.3 | 8 a. m.  °C. 30 29.99 29.7 29.7 29.8 29.6 29.4 29.3 29.3 29.3 29.3 29.3 29.8 8 28.6 28.6 28.8 28.7 28.6 28.6 28.8 28.9 28.9 | 8 a. m.  C. 28. 3 28. 4 28. 4 28. 4 28. 3 28. 3 28. 2 28. 1 28. 2 28. 2 28. 2 28. 3 28. 3 28. 2 28. 3 28. 2 28. 3 28. 2 | Perr 84 84 84 84 82 83 93 91 84 85 83 82 85 87 91 89 89 89 89 89 89 89 89 89 89 89 89 89 | 8444559 27879653774171122 25 12 | mm. 22. 22. 22. 22. 22. 21. 21. 22. 22. 23. 23. 23. 23. 23. 24. 22. 22. 22. 22. 22. 22. 22. 22. 23. 23 | 7 7 222<br>7 6 22 23<br>8 22 23<br>8 23<br>2 2 22 23<br>8 23<br>8 24<br>4 21<br>2 2 2 22<br>2 2 22<br>2 2 22<br>2 2 22<br>2 2 22<br>2 2 22<br>2 2 22<br>2 2 2 23<br>2 2 2 23<br>2 2 2 2 23<br>2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | va. va. va. va. va. va. va. va. va. va.   | C51 53. 1 6 555. 5 55. 6 6 54. 7 5 550. 6 6 54. 7 5 550. 6 6 54. 7 5 550. 6 6 54. 7 5 550. 6 6 54. 7 5 550. 6 6 54. 7 5 550. 6 6 54. 7 5 550. 6 6 54. 7 5 550. 6 6 54. 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | mm. 3.6 3.6 3.2 2.8 2.3 2.2 2.8 3.4 0 5.5 2.9 2.9 1.8 4 2.2 6 4.6 5.1   | mm 2.57 2.7 2.2 2.9 2.7 2.5 2.1.9 2.7 2.1.9 2.7 2.8 3.3 2.5 2.1.7 1.3 1.3 1.3 1.3 1.3 |
| Mean Total Departure from | 59. 64<br>756. 48<br>————————————————————————————————————  | 27. 4<br>26. 9<br>  | 33.2   | 23.8<br>24.3<br>+0.6  | 28.6   | 29.6   | 28. 9  | 29.1  | 29 29. 1  | 28. 2   | 83   | . 4                             | 22.<br>22.<br>+0.  | 2 22 23   | _ _'  | 55. 8<br>48. 8   | 2.8<br>86.8   | 2.8<br>2.2<br>68.2  |
| normal                    | 0. 18  | 0.1   | 1  | 10.0  |  |  |  |   |   |   |  |                                 | 1  |   |   | 1  |   | 1   |
| Day.                      | Prevailin<br>direction   | ng m  | otal<br>ove-<br>ent.   | num<br>hour-<br>ly  | Direction<br>t the tim<br>of the<br>naximur<br>velocity  | mean)  |  |   | and dir   | ection.   |  | Sur<br>shir                     | n-<br>ne. –  | begir<br>6 a.   | In the  |  | <b>f</b> iscell <b>a</b>  | neous.  |
| 7                         | ESE E, WSW N quad. SW Quad. SSE, SS' SW SSW, SSW SSW SSW SSW SSW SSW SSW SSW SW SSW SW   | v<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·  | 240 5 168. 5 223 203. 5 2237 2251 254 425. 5 510 646 484 484 598 661 479 4481 553. 5 5 | Km. 28<br>225<br>225<br>24. 5<br>30<br>220<br>24. 5<br>35. 5<br>35. 5<br>39<br>42<br>38<br>31<br>33<br>31<br>33<br>33<br>33<br>33<br>34<br>42<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38 | W WSW WSW SW SW SW SW SW SSW SSW SSW SS  | 0-10.2<br>5.96<br>5.84<br>10.8<br>9.85<br>9.73<br>10.2<br>9.55<br>9.77<br>7.37<br>7.21<br>8.44<br>9.88<br>6.58 | Ci. Ci. Ci. A. A. A. A. A. A. A. A. A. A. A. A. A.     | -SSCu. W: -SCu. W: -Cu. W: -CuCuCuCuCuCuCuCu.   | E CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC  | 1. SEb. 1   | W W W SEW SW SW SW SW SW SW SW SW SW SW SW SW SW   | h.6774004100012400744734067     | 05<br>20<br>15<br>00<br>00<br>05<br>35<br>45   | mm.  22.9 2 3 3 7 271.5 99.6 11.9 2.5 3.3 51.2 11.2 4.4 4.4 .4  | 23. 9 2. 1 3 9. 5 291. 3 106 14 2. 8 3. 7 54. 7 11. 7 14. 9 5 6. 4 33. 2 3. 6 6. 6 6. 6 | 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2  | a. [ ] p 2 | p.  p.  p.  p.  p.  p.  p.  p.  p.  p.  |
| 25                        | WSW<br>SW, SSV<br>SSW<br>SE, SW<br>SE  | 7   | 404. 5<br>392. 5<br>373<br>380<br>179. 5<br>166. 5<br>211  | 34<br>33<br>29<br>30<br>28<br>16<br>22  | SW<br>SW<br>SW<br>SSW<br>SE<br>WSW   | 8.7<br>9.7<br>9.9<br>9.8<br>7.8<br>7.2   | A<br>A<br>Ci.<br>Ci.<br>Ci.                            | -Cu.<br>-Cu.<br>-Cu.<br>-S. 1   | NW S<br>Cu<br>NE Cu   | 1. WS<br>-Cu. WS<br>. WSW, S<br>Cu. SSW,<br>1. SS   | W<br>SW<br>SW<br>SW<br>SE  | 1<br>0<br>2<br>5<br>7<br>3      | 15<br>30<br>25<br>00<br>05<br>20<br>05<br>   | 14. 2<br>36. 1<br>26. 7<br>7. 4<br>.3<br>1. 8   | 17.5<br>34.5<br>26.4<br>7.5<br>.8<br>1.8  | d°   | a.  | ) р.<br><sup>©</sup> р.<br>р.   |
|                           |  |   | 1  | 1   |  | 1  |  |   | i   |   | - 1  |                                 | - 1  |   | 1   | 1  |   |   |

All the mean values given in this table are deduced from hourly observations.
 These values are taken from instruments mounted in the Observatory Park, 1.5 meters above ground.

#### METEOROLOGICAL DATA FOR MIRADOR OBSERVATORY, BAGUIO.

[φ=16° 25' N; λ=120° 36' E; barometer above sea, 1,512.5 meters; gravity correction not applied, -1.65 mm.]

|        |  | Air te  |  | ure at M<br>the mou  |   |   | e Ai   |   | nperatur<br>near the   |  | e valley<br>ll).  |  |   | Rad  | iation.   | Evapo   | ration   |
|--------|--|---|--|--|---|---|--|---|--|--|---|--|---|--|---|---|--|
| Day.   | Pressure b (mean).   | Mean.   | Maxi-<br>mum.  | Hour.  | Mini-<br>mum.   | Hou   |  | laxi-<br>ium.   | Hour.  | Mini-<br>mum.  | Hour.   | Rela-<br>tive<br>humid-<br>ity<br>(mean).  | Vapor<br>pres-<br>sure<br>(mean   |  |   |   |  |
| 1      | mm. 635. 07 36. 46 36. 36 34. 91 32. 47 33. 60 34. 59 33. 76 32. 61 32. 02 33. 63 34. 03 34. 52 35. 35 35. 22 35. 35 35. 35 35. 35 36. 33 38. 84 38. 66 38. 66 38. 66 38. 66 38. 77 38. 82 | °C.<br>17. 5<br>18. 9<br>18. 17. 2<br>17. 8<br>18. 3<br>18. 3<br>17. 6<br>17. 4<br>16. 7<br>17. 4<br>17. 3<br>17. 5<br>17. 1<br>17. 1<br>17. 1<br>17. 1<br>16. 8<br>16. 5<br>16. 8<br>16. 8<br>16. 8<br>16. 8<br>16. 8<br>16. 2<br>17. 3<br>18. 3<br>17. 8<br>18. 3<br>17. 1<br>17. 1<br>18. 3<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. 1<br>19. | 17.6<br>18.2<br>17.8<br>20.2<br>19.5<br>20.3<br>18.9<br>17<br>19.3   | 0. 35p. 1. 35p. 1. 20p. 0. 25p. 9. 50a. 9. 25a. 1. 40p. 1. 35p. 1. 40p. 1. 35p. 1. 30p. 4. 35p. 0. 05a. 0. 20p. 1. 00p. 4. 00p. 0. 20p. 1. 00p. 1. 00p. 1. 1. 20p. 1. 20p. 1. 20p. 11. 10a. 11. 25a. 10a. 11. 20a. 8. 05a. 2. 05p.   | °C. 16. 1 15. 6 8 14. 8 16. 3 15. 2 16. 5 15. 9 15. 7 15. 6 15. 7 15. 6 14. 6 14. 6 14. 6 14. 6 14. 6 15. 7 15. 6 14. 6 14. 6 14. 6 15. 7 15. 6 | 3. 20<br>5. 20<br>5. 20<br>5. 30<br>12 m.;<br>1. 30<br>1. 50<br>10. 10<br>6. 00<br>6. 00<br>6. 00<br>6. 45<br>10. 25<br>10. 25<br>11. 40<br>11. 40<br>11. 40<br>11. 50<br>11. 40<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 50<br>11. 5 | a  | °C. 21. 2 24. 8 24. 6 8 22. 1 22. 3. 5 22. 1 1 22. 3. 5 22. 1 4 18. 8 . 8 18. 4 18. 7 21. 4 18. 5 19. 4 18. 5 19. 4 18. 5 20. 7 6 18. 2 22. 5 | 0. 40p.<br>2. 20p.<br>1. 25p.<br>0. 50p.<br>2. 25p.<br>10. 05a.<br>11. 05a.<br>11. 05a.<br>11. 00p.<br>2. 15p.<br>2. 25p.<br>0. 05a.<br>1. 40p.<br>11. 00p.<br>4. 00p.<br>2. 10p.<br>12. 10p.<br>13. 00p.<br>0. 30p.<br>0. 20p.<br>10. 20p.<br>10. 20p.<br>10. 20p.<br>10. 50p.<br>11. 50p.<br>12. 50p.<br>13. 50p.<br>14. 50p.<br>15. 50p.<br>16. 50p.<br>17. 50p.<br>18. 50p.<br>18. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p.<br>19. 50p | °C. 16. 2 16. 15. 7 15 5 16. 5 5 16. 5 16. 5 16. 5 16. 5 16. 5 16. 5 16. 5 16. 5 16. 4 16. 3 16. 2 16. 16. 4 16. 3 16. 5 16. 5 16. 5 16. 5 16. 5 16. 5 16. 6 | 12 m. n. 6. 00a. 4. 20a. 6. 00a. 4. 35a. 5. 45a. 12 m. n. 5. 00a. 1. 00a. 1. 00a. 1. 00a. 1. 00a. 1. 00a. 1. 00a. 1. 00a. 2. 00a. 1. 00a. 2. 00a. 2. 00a. 2. 00a. 2. 00a. 2. 00a. 2. 00a. 12 m. n. 3. 00a. 12 m. n. 1. 20a. 4. 00a. 2. 00a. | Per ct. 5<br>97. 5<br>88. 8<br>93. 3<br>93. 2<br>97. 7<br>93. 7<br>95. 2<br>99. 5<br>99. 5<br>99. 5<br>98. 5<br>98. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>80. 5<br>99. 5<br>80. 5<br>99. 5<br>80. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5<br>90. 5 | 14. 5<br>14. 3<br>14. 4<br>13. 7<br>14. 1<br>15. 3<br>14. 1<br>14. 6<br>14. 6<br>14. 8<br>14. 1<br>14. 2<br>14. 3<br>14. 2<br>14. 3<br>14. 1<br>13. 9<br>14. 1<br>13. 9<br>14. 1<br>14. 1<br>13. 9<br>14. 1<br>14. 1<br>14. 2<br>14. 3<br>14. 2<br>14. 3<br>14. 2<br>14. 3<br>14. 1<br>14. 1<br>15. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 3 | 15. 6<br>11. 7<br>15. 2<br>11. 7<br>15<br>16. 5<br>14. 7<br>14. 5<br>16. 16<br>16. 5<br>17<br>16. 5<br>16. 6<br>16. 16<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. | 55. 8<br>58. 2<br>58. 2<br>52. 3<br>55. 2<br>57. 3<br>58. 8<br>24. 5<br>25. 2<br>34. 5<br>34. 4<br>23<br>37<br>38<br>27. 7<br>39. 4<br>42. 9<br>31<br>30<br>19. 4<br>41. 5<br>19. 4<br>41. 7<br>50. 3   | mm. 0 2.1 1.3 1.6 0 2.2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4.2 4.9 | mn   0   1.1   1.5   8   0   0   1.1   1.5   0   0   0   0   0   0   0   0   0 |
| -      | 634. 35  | 17.3  | 19.5   |  | 15. 5   |   | -  | 20.2  |  | 15.8   |   | 96. 5  | 14. 1   | -  |   | 0.6   | 0.3  |
| Total  |  |   |  |  |   |   |  |   |  |  |   |  |   |  | -   | 18. 1   | 8. 2   |
|        |  |   | Win  | ıd.  |   |   |  |   | Cle  | ouds.  |   |  |   |  |   |   |  |
| Day.   | Preva  | ailing<br>tion.d  | Total<br>move-<br>ment.  | Maxi-<br>mum<br>hour-<br>ly<br>veloc-<br>ity.  | Direct<br>at the<br>of the<br>maxim<br>veloci   | time<br>he<br>num   | Amount (mean).   |   | Form Upper.  | and di   | rection.  | 1  | Sun-<br>shine.  | Rain, 24<br>hours<br>begin-<br>ning<br>6 a. m.   | Miso  | cellaneo  | ous.   |
| 1      | W q V V Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q  | uad. vuad. vuad. vuad. v N SE SSW v W W W W W W W V V V V V V V V V V V   | Km 395. 4 396. 2 238. 1 288. 3 248. 5 259 472. 8 347 750. 3 1, 617. 8 1, 427. 9 1, 368. 2 1, 189. 6 1, 197. 9 1, | 2 39, 2<br>20, 1<br>20, 9<br>14, 2<br>29<br>36, 30<br>26, 8<br>36, 40, 9<br>36, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46, 7<br>46 | SEESEWWWESWWSWWSWWSWWSWWSWWSWWSWWSWWSWWS  |   | -10. 10 6.9 9.9 7.1 9.9 9.1 9.7 10 10 10 10 10 10 10 10 10 10 10 10 10 | Ci. Ci. Ci. Ci. Ci. Ci. Ci. Ci. Ci. Ci.   | S. S. Cu. Cu. S. S. S. S. S. S. S. S. S. S. S. S. S.   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | uN. E 0 uN. NE, uN. NE, uN. NE, uN. W., uN. W., uN. S 0 uN. S 1 i. i. i. i. i. i. i. i. i. i. i. i. i.  | sw<br>sw<br>sw<br>sw<br>sw<br>sw   | 1. m. 1. 1 15 1 1 15 1 1 1 15 1 1 15 1 1 15 1 1 15 1 1 1 15 1   | mm. 0.9 10.7 21.6 13.5 14.8 26.2 2.3 9.7 27.4 254.3 119.4 214.5 245.2 101.1 45.8 91.4 45.8 91.4 52.9 156.4 179 176.2 16.9 40.8   | 2 a 2 c 2 a 2 a | a. ⟨° d2:   | 2  |
| 0<br>1 | SE,  | , E   | 519.8  | 39.9   | E   | i_  | 9.6  | Ci  |  | N C  | un. sed   | yE, S  | 2 00  | .8   | 20130   | • р.  |  |
|        | SE,  | , E   | 519. 8<br>701. 7   | -  |   |   | 9. 7   |   | ·  | N C  | un. sed   | yE,S   | 0 48  |  | 50130   | р.  |  |

<sup>\*</sup>All the mean values given in this table are deduced from six daily observations taken at 2, 6, 10 a. m. and 2, 6, 10 p. m.

\*The baremetric readings of this station are not reduced to sea level.

\*Maximum of hourly observations taken from 6 a. m. to 6 p. m.

4 This element is based on hourly observations taken from a quadruple register, which gives only eight possible directions of the wind.

\*5 hours missing.

# DAILY RAINFALL AT THE STATIONS OF THE WEATHER BUREAU, JULY 1918.

| Yap, Western Carolines  Fagbilaran  wahig  wahig  Burigao  Maasin  Jebu  La Carlota, Occidental Negrosa  Loilo  San Jose Buenavista  Lucena, Iloiloa  Jurocena, Iloiloa  Jurocena, Iloiloa  Jurocena, Iloiloa  Juuan  Dueñas, Iloilo (Railroad Iloilo to Capiz)  Lapus, Iloilo (Railroad Iloilo to Capiz)  Lapus, Iloilo (Railroad Iloilo to Capiz)  Lapus, Iloilo (Railroad Iloilo to Capiz)  Lapus, Iloilo (Railroad Iloilo to Capiz)  Lapus, Iloilo (Railroad Iloilo to Capiz)  Lapus, Iloilo (Railroad Iloilo to Capiz)  Lapus, Iloilo (Railroad Iloilo to Capiz)  Lapus, Iloilo (Railroad Iloilo to Capiz)  Lapus, Iloilo (Railroad Iloilo to Capiz)  Lapus, Iloilo (Railroad Iloilo to Capiz)  | 2.5 61<br>1.8<br>                  | 5.3<br>.5<br>1.8<br>1.6.8<br>16.8<br>9.1              | 10.9<br>19.3<br>149.9   | 33. 5<br>22. 6<br>33. 5<br>1. 6<br>5. 6<br>   | 1 51.1 1 2.5 24.9 6.9 6.6 76.7 9.7 4.9 10.7 49.2 65.1 15.4 127.5   | 22.9<br>.3<br>37.1<br>16.6<br>1.5<br>40.1<br>5.9<br>1.5<br>6.1<br>9<br>61.5<br>3.8<br>64.5<br>2.8                      | 7.  mm. 3.8 3.5 19.8 20.3 56.8 20.7 6.2 5.6 22.4 43.5 46.5   | 23.9           |                  |                        |                         |               | 3.6                   |                 | 0.8              | 2.8            |
|--|------------------------------------|---|---|---|--|--|--|----------------|------------------|------------------------|-------------------------|---------------|-----------------------|-----------------|------------------|----------------|
| sabela, Basilan Zamboanga Davao Dotabato Zamp Keithley, Lanao Zagayan, Misamis Dapitan Ampayon, Butuan, Agusan a Butuan Mambajao Dumaguete Yap, Western Carolines Fagbilaran Wahig Surigao Maasin Jebu La Carlota, Occidental Negros a Joilo San Jose Buenavista Cuyo Lucena, Iloilo a Dumaga, Iloilo (Railroad Iloilo to Capiz) a Lapus, Iloilo (Railroad Iloilo to  | 2.5                                | 5.3<br>.55<br>1.8<br>.66<br>12.7<br>16.5<br>9.1       | 0.5<br>10.2<br>   | 33. 5<br>22. 6<br>33. 5<br>1. 6<br>5. 6<br>5. 8<br>18. 3<br>42. 7<br>2. 8<br>39. 9<br>6. 4<br>20. 1<br>152. 4<br>14 | 1  | 22.9<br>.3<br>37.1<br>16.6<br>1.5<br>40.1<br>5.9<br>1.5<br>6.1<br>9<br>61.5<br>3.8<br>64.5<br>2.8<br>7.7<br>74<br>69.6 | 3.8<br>.8<br>.55.8<br>3.5<br>19.8<br>20.3<br>.5<br>.6<br>3.6<br>12.7<br>20.1<br>6.2<br>5.1<br>6.8<br>22.4<br>8.1<br>43.5<br>46.5 | 23.9           |                  |                        |                         |               | 3.6                   |                 | 0.8              | 2. 8           |
| sabela, Basilan Zamboanga Davao Dotabato Zamp Keithley, Lanao Zagayan, Misamis Dapitan Ampayon, Butuan, Agusan a Butuan Mambajao Dumaguete Yap, Western Carolines Fagbilaran Wahig Surigao Maasin Jebu La Carlota, Occidental Negros a Joilo San Jose Buenavista Cuyo Lucena, Iloilo a Dumaga, Iloilo (Railroad Iloilo to Capiz) a Lapus, Iloilo (Railroad Iloilo to  | 2.5<br>61<br>1.8<br>4.6<br>5.8     | 5.3<br>5.5<br>1.8<br>6 12.7<br>16.8<br>16.5<br>9.1    | 10. 2<br>8. 7<br>12. 7<br>3. 3<br>10. 9<br>5. 1<br>128<br>3. 3<br>15<br>10. 2<br>26. 7<br>12. 7<br>12. 2<br>25. 9<br>7. 1   | 22. 6<br>33. 5<br>1. 6<br>5. 6<br>  | 51. 1<br>2. 5<br>24. 9<br>6. 9<br>6. 6<br>76. 7<br>9. 7<br>4. 9<br>10. 7<br>49. 2<br>65. 1<br>15. 4<br>127. 5<br>7. 6<br>8<br>24. 4  | 37.1<br>16.6<br>1.5<br>40.1<br>5.9<br>61.5<br>3.8<br>64.5<br>2.8<br>-7.7<br>74<br>69.6                                 | 55.8<br>3.5<br>19.8<br>20.3<br>.6<br>12.7<br>20.1<br>6.2<br>5.1<br>6.8<br>22.4<br>8.1<br>43.5                                    | 23.9           |                  |                        |                         |               | 3.6                   |                 | 0.8              | 2. 8           |
| Zamboanga Davao Davao Cotabato Camp Keithley, Lanao Lagayan, Misamis Dapitan Ampayon, Butuan, Agusan a Butuan Mambajao Dumaguete Yap, Western Carolines Tagbilaran wahig Surigao Maasin Jebu Lac Carlota, Occidental Negros a Loilo San Jose Buenavista Luyo Lucena, Iloilo a Dueñas, Iloilo a Bitaogan, Iloilo (Railroad Iloilo to Capiz) a Lapus, Iloilo (Railroad Iloilo to Capiz) a Lacloban Dumarao, Capiz a Dao, Capiz a Japiz Borongan Latbalogan   | 2.5 61<br>1.8<br>                  | 5.3<br>5.5<br>1.8<br>6 12.7<br>16.8<br>16.5<br>9.1    | 8.7<br>12.7<br>3.3<br>10.9<br>19.3<br>149.9<br>5.1<br>128<br>   | 33.5<br>1.6<br>5.6<br>  | 2. 5<br>24. 9<br>6. 9<br>6. 6 76. 7<br>9. 7<br>4. 9<br>10. 7<br>49. 2<br>65. 1<br>15. 4<br>127. 5                                    | 37. 1<br>16. 6<br>1. 5<br>40. 1<br>5. 9<br>1. 5<br>6. 1<br>9<br>61. 5<br>3. 8<br>64. 5<br>2. 8                         | 55.8<br>3.5<br>19.8<br>20.3<br>.5<br>.6<br>3.6<br>12.7<br>20.1<br>6.2<br>5.1<br>6.8<br>22.4<br>8.15<br>43.5                      | 23.9           |                  |                        |                         |               | 3, 6                  |                 | 0.8              | 2.3            |
| Otabato  Samp Keithley, Lanao  Sagayan, Misamis  Dapitan  Ampayon, Butuan, Agusana  Butuan  Mambajao  Dumaguete  Yap, Western Carolines  Ragbilaran  wahig  Surigao  Maasin  Jebu  La Carlota, Occidental Negrosa  Joilo  Joilo  San Jose Buenavista  Cuyo  Lucena, Iloiloa  Dumaguete  Juian  Dueñas, Iloilo (Railroad Iloilo to  Capiz)a  Lapus, Iloilo (Railroad Iloilo to  Capiz)a  Lacloban  Dumarao, Capiza  Japiz  Japiz  Japiz  Japiz  Jonogan  Jonogan  Japiz  Japiz  Japiz  Japiz  Japiz  Japiz  Jatbalogan  | 1.4<br>2.5 61<br>1.8<br>4.6<br>5.8 | 5.3<br>.5<br>1.8<br>.6<br>12.7<br>16.8<br>16.5<br>9.1 | 12. 7<br>3. 3<br>10. 9<br>19. 3<br>149. 9<br>5. 1<br>128<br>3. 3<br>15<br>10. 2<br>26. 7<br>12. 7<br>12. 2<br>25. 9<br>7, 1 | 1.6<br>5.6<br>  | 24. 9<br>6. 9<br>6. 6<br>76. 7<br>9. 7<br>4. 9<br>10. 7<br>49. 2<br>65. 1<br>15. 4<br>127. 5<br>7. 6<br>8<br>24. 4<br>18. 5<br>19. 8 | 37. 1<br>16. 6<br>1. 5<br>40. 1<br>5. 9<br>61. 5<br>6. 1<br>9<br>61. 5<br>3. 8<br>64. 5<br>2. 8                        | 3.5<br>19.8<br>20.3<br>.5<br>.6<br>3.6<br>12.7<br>20.1<br>6.2<br>5.1<br>6.8<br>22.4<br>43.5<br>46.5                              | 23.9           |                  |                        |                         |               | 3.6                   |                 | 29.2             | 11.5           |
| Camp Keithley, Lanao Zagayan, Misamis Dapitan Ampayon, Butuan, Agusan* Mambajao Dumaguete Yap, Western Carolines Fagbilaran wahig Surigao Maasin Jebu La Carlota, Occidental Negros* loilo San Jose Buenavista Cuyo Lucena, Iloilo* Dumagan, Iloilo (Railroad Iloilo to Capiz) Sitaogan, Iloilo (Railroad Iloilo to Capiz) Lapus, Iloilo (Railroad Iloilo to Capiz)  Lacloban Dumarao, Capiz* Japiz Japiz Japiz Japiz Japiz Japiz Japiz Jatbalogan   | 2.5<br>61<br>1.8<br>               | 5.3<br>.5<br>1.8<br>.6<br>12.7<br>16.8<br>16.5<br>9.1 | 12. 7<br>3. 3<br>10. 9<br>19. 3<br>149. 9<br>5. 1<br>128<br>3. 3<br>15<br>10. 2<br>26. 7<br>12. 7<br>12. 2<br>25. 9<br>7, 1 | 5.6<br>5.8<br>18.3<br>42.7<br>2.8<br>39.9<br>6.4<br>20.1<br>8<br>152.4<br>14  | 6.6<br>76.7<br>9.7<br>4.9<br>10.7<br>49.2<br>65.1<br>15.4<br>127.5<br>7.6<br>.8<br>24.4  | 1.5<br>40.1<br>5.9<br>1.5<br>6.1<br>9<br>61.5<br>3.8<br>64.5<br>2.8<br>-7.7<br>74<br>69.6                              | 19.8<br>20.3<br>.5<br>.6<br>3.6<br>12.7<br>20.1<br>6.2<br>5.1<br>43.5<br>46.5  | 23.9           |                  |                        |                         |               | 3.6                   |                 | 29.2             | 11.5           |
| Dapitan Ampayon, Butuan, Agusan a Butuan Mambajao Dumaguete Yap, Western Carolines Ragbilaran wahig Surigao Maasin Jebu Ac Carlota, Occidental Negros a loilo San Jose Buenavista Cuyo Lucena, Iloilo a Drmoc Guiuan Dueñas, Iloilo (Railroad Iloilo to Capiz) a Lapus, Iloilo (Railroad Iloilo to Capiz) a Lacloban Dumarao, Capiz a Dao, Capiz a Japiz Japiz Japiz Japiz Japiz Japiz Jachalonan Jatbalogan   | 2.5<br>61<br>1.8<br>               | 5.3<br>.5<br>1.8<br>.6<br>12.7<br>16.8<br>16.5<br>9.1 | 3.3<br>10.9<br>19.3<br>149.9<br>5.1<br>128<br>3.3<br>15<br>10.2<br>26.7<br>12.7<br>12.7<br>12.2<br>25.9<br>7.1              | 5.8<br>18.3<br>42.7<br>2.8<br>39.9<br>6.4<br>20.1<br>8<br>152.4   | 76. 7<br>9. 7<br>4. 9<br>10. 7<br>49. 2<br>65. 1<br>15. 4<br>127. 5<br>7. 6<br><br>8<br>24. 4<br><br>18. 5<br>19. 8                  | 40. 1<br>5. 9<br>1. 5<br>6. 1<br>9<br>61. 5<br>3. 8<br>64. 5<br>2. 8<br>7. 7<br>74<br>69. 6                            | 20.3<br>.5<br>.6<br>3.6<br>12.7<br>20.1<br>6.2<br>5.1<br>6.8<br>22.4<br>8.1<br>43.5<br>46.5                                      | 23. 9          |                  |                        |                         |               |                       |                 |                  | 11.5           |
| Ampayon, Butuan, Agusan a. Butuan  | 2.5<br>61<br>1.8<br>               | 5.3<br>.5<br>1.8<br>.6<br>12.7<br>16.8<br>16.5<br>9.1 | 19. 3<br>149. 9<br>5. 1<br>128<br>  | 5.8<br>18.3<br>42.7<br>2.8<br>39.9<br>6.4<br>20.1<br>.8<br>152.4<br>14  | 4.9<br>10.7<br>49.2<br>65.1<br>15.4<br>127.5<br>7.6<br>24.4<br>18.5<br>19.8  | 1.5<br>6.1<br>9<br>61.5<br>3.8<br>64.5<br>2.8<br>7.7<br>74<br>69.6   | .6<br>3.6<br>12.7<br>20.1<br>6.2<br>5.1<br>6.8<br>22.4<br>8.1<br>43.5<br>46.5  | 23.9           |                  |                        |                         |               |                       |                 |                  | 11.            |
| Mambajao Dumaguete Yap, Western Carolines Fagbilaran wahig Surigao Maasin Jebu La Carlota, Occidental Negrosa loilo San Jose Buenavista Juyo Lucena, Iloiloa Jurian Dueñas, Iloilo (Railroad Iloilo to Capiz) Lapus, Iloilo (Railroad Iloilo to Capiz) Lapus, Iloilo (Railroad Iloilo to Capiz) Lapus, Iloilo (Railroad Iloilo to Capiz) Lacloban Dumarao, Capiza Lapiz Lapiz Lapiz Lacloban Dumarao, Capiza Lapiz Labalogan   | 2.5<br>61<br>1.8<br><br>4.6<br>5.8 | 5.3<br>.5<br>1.8<br>.6<br>12.7<br>16.8<br>16.5<br>9.1 | 149, 9<br>5, 1<br>128<br>   | 18.3<br>42.7<br>2.8<br>39.9<br>6.4<br>20.1<br>.8<br>152.4<br>14   | 10. 7<br>49. 2<br>65. 1<br>15. 4<br>127. 5<br>7. 6<br>.8<br>24. 4<br>18. 5<br>19. 8  | 6.1<br>9<br>61.5<br>3.8<br>64.5<br>2.8<br>7.7<br>74<br>69.6  | 3.6<br>12.7<br>20.1<br>6.2<br>5.1<br>6.8<br>22.4<br>8.1<br>43.5<br>46.5  | 23.9           |                  |                        |                         |               |                       |                 |                  | 11.            |
| Dumaguete Yap, Western Carolines Pagbilaran Wahig Surigao Maasin Cebu La Carlota, Occidental Negros Ioilo San Jose Buenavista Luyo Lucena, Iloilo Dumans, Iloilo Sitaogan, Iloilo (Railroad Iloilo to Capiz) Lapus, Iloilo (Railroad Iloilo to Capiz) Lacloban Dumarao, Capiz Lapiz Jacloban Dumarao, Capiz Jabalogan  | 2.5<br>61<br>1.8<br><br>4.6<br>5.8 | 1.8<br>.6<br>12.7<br>16.8<br>16.5<br>9.1              | 3.3<br>15<br>10.2<br>26.7<br>12.7<br>12.2<br>25.9<br>7.1  | 39.9<br>6.4<br>20.1<br>.8<br>152.4<br>14  | 65. 1<br>15. 4<br>127. 5<br>7. 6<br>.8<br>24. 4<br>18. 5<br>19. 8  | 61. 5<br>3. 8<br>64. 5<br>2. 8<br>7. 7<br>74<br>69. 6  | 20.1<br>6.2<br>5.1<br>6.8<br>22.4<br>8.1<br>43.5<br>46.5   | 23. 9          |                  |                        |                         |               |                       |                 |                  |                |
| Fagbilaran wahig wahig surigao Maasin Jebu La Carlota, Occidental Negrosa Loilo San Jose Buenavista Luyo Lucena, Iloiloa Ormoc Huiuan Dueñas, Iloilo (Railroad Iloilo to Capiz) a Lapus, Iloilo (Railroad Iloilo to Capiz) a Lapus, Iloilo (Railroad Iloilo to Capiz) a Lapus, Iloilo (Railroad Iloilo to Capiz) a Lapus, Iloilo (Railroad Iloilo to Capiz) a Lapus, Iloilo (Railroad Iloilo to Capiz) a Lapus, Iloilo (Railroad Iloilo to Capiz) a Lapus Lacloban Lapus Lacloban Lapus La | 1.8<br><br>4.6<br>5.8              | 1.8<br>.6<br>12.7<br>16.8<br>16.5<br>9.1              | 3.3<br>15<br>10.2<br>26.7<br>12.7<br>12.2<br>25.9<br>7.1  | 39. 9<br>6. 4<br>20. 1<br>.8<br>152. 4  | 15. 4<br>127. 5<br>7. 6<br>.8<br>24. 4<br>18. 5<br>19. 8   | 3.8<br>64.5<br>2.8<br>7.7<br>74<br>69.6  | 6.2<br>5.1<br>6.8<br>22.4<br>8.1<br>43.5<br>46.5   |                |                  |                        |                         |               |                       |                 |                  |                |
| wahig Surigao Maasin Jebu Aa Carlota, Occidental Negros* Joilo Joilo San Jose Buenavista Juyo Jucena, Iloilo* Jurian Juri | 1.8<br>                            | 16. 5<br>9. 1<br>16. 5<br>1. 5                        | 15<br>10.2<br>26.7<br>12.7<br>12.2<br>25.9<br>7.1   | 39. 9<br>6. 4<br>20. 1<br>.8<br>152. 4<br>14  | 7.6<br>.8<br>24.4<br>18.5<br>19.8  | 7.7<br>74<br>69.6  | 6.8<br>22.4<br>8.1<br>43.5<br>46.5   |                |                  |                        |                         |               |                       |                 |                  |                |
| Maasin  Lebu La Carlota, Occidental Negros* Loilo La Carlota, Occidental Negros* Loilo La Carlota, Occidental Negros* Louena, Iloilo Louena, Iloilo Louena, Iloilo Louena, Iloilo Louena, Iloilo Louena, Iloilo Louena, Iloilo Louena, Iloilo Louena, Iloilo Capiz) Lapus, Iloilo (Railroad Iloilo to Capiz) Lapus, Iloilo (Railroad Iloilo to Capiz) Louenarao, Capiz* Louenarao, C | 4. 6<br>5. 8                       | 16. 8<br>16. 5<br>9. 1<br>16. 5<br>1. 5               | 15<br>10.2<br>26.7<br>12.7<br>12.2<br>25.9<br>7.1   | 39. 9<br>6. 4<br>20. 1<br>.8<br>152. 4<br>14  | 24.4<br>18.5<br>19.8   | 7. 7<br>74<br>69. 6  | 22. 4<br>8. 1<br>43. 5<br>46. 5  |                |                  |                        |                         |               |                       |                 |                  | 1 0.           |
| Jebu  La Carlota, Occidental Negrosa  La Carlota, Occidental Negrosa  La Carlota, Occidental Negrosa  La Carlota, Iloiloa  Juso  Jus | 4. 6                               | 16. 5<br>9. 1<br>16. 5<br>1. 5                        | 26. 7<br>12. 7<br>12. 2<br>25. 9<br>7. 1  | 20. 1<br>. 8<br>152. 4<br>14  | 24.4<br>18.5<br>19.8   | 69.6   | 43. 5<br>46. 5   |                |                  |                        |                         | . -,          |                       | *               | . 9              | 1              |
| loilo san Jose Buenavista Cuyo Lucena, Iloiloa Frimoc Guiuan Dueñas, Iloiloa Bitaogan, Iloilo (Railroad Iloilo to Capiz) Lapus, Iloilo (Railroad Iloilo to Capiz) Lapus, Iloilo (Railroad Iloilo to Capiz) Lacloban Dumarao, Capiz Lacloban Dumarao, Capiz Lapiz Lapiz Lapiz Lapiz Lapiz Latbalogan  | 4. 6<br>5. 8                       | 16. 5<br>1. 5   | 26. 7<br>12. 7<br>12. 2<br>25. 9<br>7. 1  | 152.4<br>14   | 18. 5<br>19. 8   | 69.6   | 46.5   |                | 9 0              | 1                      | 1                       | 1 11 0        | 2.8                   | 1.8             |                  |                |
| san Jose Buenavista  Luyo Lucena, Iloiloa Lucena, Iloiloa Lucena, Iloiloa Luiuan  Dueñas, Iloiloa Litaogan, Iloilo (Railroad Iloilo to Capiz)a Lapus, Iloilo (Railroad Iloilo to Capiz)a Lapus, Iloilo (Railroad Iloilo to Capiz)a Lapus, Iloilo (Railroad Iloilo to Capiz)a Lapus L | 4. 6<br>5. 8                       | 16.5<br>1.5   | 12.7<br>12.2<br>25.9<br>7.1   | 152.4<br>14<br>1  | 19.8   |  |  | 3.3            | 3.8<br>22.8      | 12.7                   | 4.3                     | 11.2<br>3     | 40.9                  | 1.5             | 19. 1            | 2.             |
| Lucena, Hoilo a Drmoc Guiuan Dueñas, Hoilo a Sitaogan, Hoilo (Railroad Hoilo to Capiz) a Lapus, Hoilo (Railroad Hoilo to Capiz) a Lacloban Dumarao, Capiz a Lapiz Japiz Japiz Japiz Japiz Japiz Jatbalogan   | 4. 6<br>5. 8                       | 16.5<br>1.5   | 12.2<br>25.9<br>7.1   | 1   |  |  |  | .6             | .3               | 4.8                    |                         | 27.4          | 35.9                  |                 | 31.5             | 27.            |
| Drmoc Juiuan Dueñas, Iloilo a Sitaogan, Iloilo (Railroad Iloilo to Capiz) a Lapus, Iloilo (Railroad Iloilo to Capiz) a Lacloban Dumarao, Capiz a Lao, Capiz a Lapiz Lapiz Lapiz Lapiz Lapiz Lapiz Lapiz Lathalogan   | 4. 6<br>5. 8                       | 1.5   | 25.9<br>7.1   |   | 1 -  | 6.6  | 17.5   | .5             |                  | 5.1                    | 23.1                    | 3.3           | . 5                   |                 |                  | 22.            |
| Dueñas, Iloiloª Sitaogan, Iloilo (Railroad Iloilo to Capiz)ª Lapus, Iloilo (Railroad Iloilo to Capiz)ª Sacloban Dumarao, Capizª Dao, Capizª Sarongan Latbalogan  | 5. 8                               |   |   |   |  | 1.5  | 9.4  |                |                  |                        |                         |               |                       |                 |                  |                |
| Sitaogan, Hoilo (Railroad Iloilo to Capiz) a   | 16.8                               |   | 1   |   |  | .3   | 9.7<br>19  |                |                  |                        |                         |               |                       |                 |                  | 6.             |
| Lapus, Iloilo (Railroad Iloilo to Capiz) a.  ['acloban   | 16.8                               |   | 1   |   |  | -  | İ .  |                |                  |                        |                         |               |                       |                 |                  |                |
| Capiz) a<br>lacloban — — — — — — — — — — — — — — — — — — —   | 16.8                               |   | 1.8   | 4.6   |  | 5  | 3  |                | ,                |                        |                         |               |                       |                 |                  |                |
| Dumarao, Capizª<br>Dao, Capizª<br>Capiz<br>Gorongan<br>Jatbalogan  | 16.8                               |   | ·   | . 8.  |  | 62.7   | 50.3   | 5.1            | 29.5             |                        |                         |               | 51.3                  |                 | 20.3             | 2.             |
| Dao, Capiza<br>Capiz<br>Borongan<br>Satbalogan   |                                    |   | 15.8<br>27.2  | 5.6<br>4.8  | 5.1  | .3   | 11. 2<br>26. 4   | .3             |                  |                        |                         |               | 2.1                   |                 |                  |                |
| Borongan   | 19.8                               |   |   | 43.7  | 7.1  |  | 25.4   |                |                  |                        |                         |               |                       |                 | 2.8              |                |
| Catbalogan   | 1.5                                |   | .8<br>15.7  | 25.1  | 6, 1<br>1, 3   |  | 20. 9<br>5. 6  |                |                  |                        |                         |               |                       |                 | 2.8              | 4.             |
| albayor  |                                    | 12.2  | 34.3  | 49.6  | 6.1  | 3  | 1.8  |                |                  |                        |                         |               |                       |                 |                  |                |
| Masbate  |                                    | 7.6   | 24. 6<br>5. 3   | 72. 2<br>85. 6  | 14.2<br>2.8  | 25.1<br>4.1  | 13.8<br>3.3  | 1              |                  |                        |                         |               |                       |                 |                  | 1              |
| San Jose Estate, J. Abello D-13,   |                                    |   | 9. 0  | 1   | 1  |  |  |                |                  |                        |                         |               |                       |                 |                  |                |
| Mindoro a  | 8.9                                |   |   | 31.2  | 52   | 53.8   | 34.3   | 19.3           | 28. 2            | 16.8                   |                         |               |                       | 3.3             | 6.4              | 13. 3          |
| an Jose Estate, Tamaraw Plant-<br>ation, Mindoroa  |                                    |   |   | 26. 4   | 44.2   | 23.9   | 92.2   | 18.3           | 17.3             | 21.6                   | 2                       |               |                       |                 |                  |                |
| an Jose Estate, San Agustin,   |                                    |   | 1.5   | 61.5  | 70.6   | 05.77  | CO E   | 6.4            | 7.0              | 13, 2                  |                         | 2.8           |                       | 1.5             |                  |                |
| Mindoro aan Jose. Mindoro a  |                                    |   | 15  | 33.8  | 58.7   | 25. 7<br>25. 4   | 62.5<br>82.8   | 6.1            | 7. 9<br>10. 2    | 25.2                   |                         | 7.4           | 9.7                   | 14.8            | 21. 9            |                |
| an Jose Estate, Tunnel D-12,   |                                    |   |   |   | ŀ  | 1  |  |                |                  |                        |                         |               |                       |                 | 0.0              |                |
| Mindoro a  |                                    |   | .3  | 35, 1   | 59. 5  | 19.1   | 91.9<br>7.1  | 9.4<br>1.3     | 15.7<br>2.5      | 41.9                   | 1                       | 5.8           |                       | 41.7            | 2.3              |                |
| Batag  |                                    |   | 3   | 8.9   |  | 1.5  |  |                | *                |                        |                         |               |                       |                 |                  |                |
| orsogon<br>egaspi  |                                    |   | 8.4   | 24.3<br>15.8  | 19.3<br>7.8  | 5.7  | 6.4  |                | 3.3              | •                      |                         | T .           |                       |                 |                  |                |
| an Miguel Estate, San Miguel Is-   |                                    | _   | 0.0   |   |  |  | 0.0  |                | 0.0              |                        |                         |               |                       |                 |                  |                |
| land, Tabaco, Albay ab   | 19 7                               |   | 2.5   | 1.3   | 59.7   | 266. 7   | 111.8  | 30, 5          | 10.7             | 1.3                    |                         |               |                       | 15.2            |                  |                |
| alapan   |                                    |   | 2.0   | .3  | 21.6   | 7.6  | 15   | 4.9            | 1.8              | 6.1                    |                         |               |                       | 10.2            |                  |                |
| Irac   |                                    | 11 9  | .8  | 11.6<br>29.6  | 2.6  | 7.1  | 2.8  |                | 2.5              | .3                     | 14. 5                   |               |                       | ļ               | , -              |                |
| igaon  |                                    |   |   | 5.6   | 1  | 2.8  | 1.8  | 1              | 6.6              | 1.6                    | 7.9                     | 1.3           |                       | .5              |                  |                |
| ucena  |                                    |   | 4.8<br>32.5   | .5<br>2.5   | 1.3  | 15. 2<br>3. 1  | 5.4  |                | 11.9<br>7.6      | 16.3<br>7.9            | 5.3<br>1.5              |               |                       | .3              |                  |                |
| mbulong, Tanauan   |                                    | 15.2  | 2.3   | .8  | 13. 2  | 5. 1   | 5.3  | 3.3            | 71.2             | 30.6                   | .5                      | 3             | . 5                   | 5.6             | 10.6             |                |
| anlubang, Calamba  |                                    | 13.7  | 4   | 1.8   | 7.6  | 2.8  | 4.1<br>62  | 1.8            | 29.5             | 17                     | 2.5                     | .3            | .8                    | 13              | 17               |                |
| aracaleanta Cruz, Laguna   | .3                                 | 2.3   |   | 18.5<br>3.6   | 7.2  | . 6  | 1.8  | .3             | 2. 1<br>59. 2    | 39.8                   | 4.9                     | 2             | .5                    | 6.1             | 9.4              |                |
| ort Mills, Corregidor ac   |                                    | .8  |   | 1.8   | 52.1   | 9.4  | 7.4  | 27.9           | 71.1             | 53.6                   | 22.9                    | 14            | 18.6                  | 24.9            | 6.6              | .8             |
| labang, Rizala<br>amao, Bataana  |                                    | 5. 1  | 2.5   | 5. 1<br>2. 1  | 4.6  | 3.8  | 15   | 11.7<br>53.1   | 80.5<br>130      | 36.3<br>83.1           | 5. 6<br>67. 6           | 6.6<br>19.5   | 1.3<br>68.5           | 37. 5           | 8.9<br>22.1      | 31.            |
| Ianila   |                                    | ;-:   | 22.9  | 2   | .3   |  | 3.7  | 8              | 271.5            | 99.6                   | 11.9                    | 2.5           | 3.3                   | 51.2            | 11.2             |                |
| ntipolo  |                                    | 4.3<br>29   | 15. 5<br>5. 3   | 5.8<br>10.2   | 3.3<br>17.8  | 49.8<br>27.9   | 9. 9<br>34. 5  | 16.3<br>21.3   | 252. 2<br>194. 6 | 78.5<br>90.7           | 16.8<br>22.9            | 5.6<br>4.6    | 5. 1<br>15. 7         | 42. 4<br>49     | 15.7<br>17.8     | 8. 9           |
| Iontalban, Rizala  |                                    |   | 4.1   | 27. 9   | 14.2   | 1  | 23. 4  |                |                  | 353.1                  | 261.6                   | 33.8          | 7.4                   | 20.8            | 29.5             | 25. 4          |
| Jose, Bulacan a  |                                    |   |   |   | 9.1  | 12.2   | 14.2   | 97             | 109. 2           | <b>238.</b> 8          | 58.9                    | 12.5          | 16.2                  | 18. 5           | 11.5             | _              |
| labayuan, Dam, Olongapo, Zam-  | 0.5                                |   | •••   | 00  |  |  | 1  |                | 1                |                        |                         |               |                       |                 |                  |                |
| bales a  | 3.5<br>6.9                         | .3  | 18  | 28. 4<br>43. 4  | 11.7<br>25.1   | 36<br>31. 2  | 50.8<br>16.7   |                | 259<br>124       | 224. 2<br>79. 8        | 85.6<br>35.5            | 118.6<br>15   | 155.9<br>11.5         | 46.8<br>10.2    |                  | 51. 4<br>12. 7 |
| an Isidro  | .8                                 |   | 65.5  | 14.2  | 38.1   | 13   | 10.7   | 3.8            | 84.4             |                        | 40.5                    | 24.6          | 24.8                  | 17.2            | .5               | 12.            |
| acienda Luisita, Comillas, Tar-  |                                    |   | 75. 7   | 13.7  | 32   | 11.9   | 2.3  | 8.9            | !                | 241. 3                 | 17.6                    | 3.6           | 19.3                  | 7.4             | 4.1              | ١.,            |
| acienda Luisita, San Miguel,   |                                    |   |   |   |  |  | l  | l              | i                |                        |                         |               |                       |                 |                  |                |
| Tarlac a   |                                    | ;   | 76. 7<br>30. 5  | 5.6<br>6.1  | 31.5<br>27.9   | 11. 4<br>20. 6   | 5. 1<br>3. 3   |                | 101. 1<br>43. 4  |                        | 26.7<br>37.4            | 15<br>9.9     | 5. 6<br>8. 4          | 1.5<br>27.9     | 3.8<br>4         | 3. 8<br>4. 6   |
| aler   |                                    |   | 14.5  | 6.4   | 61.2   | 14.2   | 10.9   | ±. 0           |                  | 34.3                   | 6.3                     | 1.8           | 0.4                   | 41.9            |                  | 2. (           |
| aniqui, Tarlaca<br>. L. A. S. Muñoz, Nueva Ecijaa  |                                    | 1.3   | 5.6<br>7.9  | 3.8<br>3.6  | 31<br>45.2   | 43. 7<br>5. 1  | 8.6  | 1              | 64. 8<br>65. 8   | 79                     | 18.8<br>32.7            | 3<br>13.5     | F 1                   | 19              | 15 9             |                |
| agupan   | .8                                 | 1.5   | 4.4   | 6.1   | 68.3   | 24.6   | 11.7   | 17.8           | 95. 5<br>118. 9  | 213.6                  | 27. 2                   | 14.7          | 5. 1<br>36. 5         | 13<br>18        |                  | 6.0            |
| olinao   | 1                                  | 7. 1<br>10. 7   | 21.6  | 1.3<br>13.5   | 23.6<br>14.8   | 60.7<br>26.2   | 9.1<br>2.3   | 16.2<br>9.7    | 118. 9<br>27. 4  | 101.4                  | 15.2                    | 11.2<br>119.4 | 9. 1<br><b>214.</b> 5 | 16<br>245.2     | 13.7             | 2.             |
| aguio  | .9                                 | 17.8  | 4.1   | 1.4   | 4.6  | 4.3  | 1.5  | 1.8            | 33.3             |                        | 49.8                    | 23.7          | 214.5<br>13.5         | 245. 2<br>17. 1 |                  | 17.            |
| chariia  | - 1                                | 8.6   |   | 3.1   | 10.4   | 3.1  | 1.1  | 2,8            |                  | . 3<br><b>52</b> . 1   |                         |               |                       |                 |                  |                |
| ontoc, Mountain Province   | 1.8                                | $\frac{2}{11.7}$                                      | 14<br>12. 4   | 1.3<br>39.6   | 7.4<br>6.1   | 5.8<br>5.1   | 9. 9<br>17. 6  | 2.8<br>15.7    | 31.7             | 15.5                   | 50<br>30                | 74.6<br>4.8   | 32.6<br>30.5          | 37.8<br>14.3    | 15.5<br>8.2      | 6.             |
| agada, Mountain Provinces<br>ontoc, Mountain Provinces<br>andon<br>illavieja, Pilar, Abras   | 1.3                                | 19.8  | 1.3   |   |  | 4.3  | 15   |                | 3.8              | 52.8                   | 69.8                    | 69.6          | 14.2                  | 87.4            | 50.8             | 30.1           |
| igan   | 1                                  | 30. 2<br>6  | 3.3   | 1.5   | 1.3  | 1.3  | 27. 9<br>22. 8   | 1              | 25.7             | 52.8<br>1 <b>2</b> 2.4 | <b>52</b><br><b>3</b> 5 | 38. 1<br>25   | 72.4<br>36.1          | 198.1<br>22     | 50.1             | 38. I          |
|  |                                    |   |   |   |  | 5. 4   |  |                | 1.5              | !                      |                         | 3.3           |                       | .5              |                  | 3. t           |
| ROR O'   | 3.3<br>7.1                         |   |   | .5  | 5. 6<br>20. 1  |  | 15. 7  | 4. 3  <br>3. 3 |                  | 106.7<br>61.8          | 104.2<br>53.3           | 74.4<br>44.1  | 57.1<br>48.3          | 154. 4<br>30. 4 | 196. 1<br>173. 7 | 104.           |
| parri  | 38.6                               |   |   | . 5   | . 5  | 1.5  |  | 12.7           |                  | . 5                    | 1.5                     |               | 1                     |                 | 78               |                |
| ape Bojeador   | 5.6                                |   |   | 7 7 7   |  | 6.6  | 4.3  | 11.2           |                  | 34                     | <b>35.</b> 5            | 17            | 2.3                   | 1.5             | 22.6             | 38. 3          |

<sup>&</sup>lt;sup>a</sup> Voluntary or coöperative station. <sup>b</sup> Rain in 24 hours beginning 8 a. m.

Daily rainfall at the stations of the Weather Bureau, July, 1918—Continued.

| Station.  | Day of month.    |           |              |       |                         |               |              |                 |              |                |                |                 |                |            |       |                  |
|---|------------------|-----------|--------------|-------|-------------------------|---------------|--------------|-----------------|--------------|----------------|----------------|-----------------|----------------|------------|-------|------------------|
|   | 17.              | 18.       | 19.          | 20.   | 21.                     | 22.           | 23.          | 24.             | 25.          | 26.            | 27.            | 28.             | 29.            | 30.        | 31.   | Tota             |
| olo   | mm.              | mm.       | mm.          |       |                         |               |              | mm.             |              | mm.            |                | mm.             | mm.            | mm.        | mm.   | mm               |
| sabela, Basilan   |                  | .8        |              | 2.8   |                         | 1.3           | 2. 5         |                 |              |                |                | 3               |                | 0.5        |       | 12.<br>73.       |
| amboanga  |                  |           |              |       |                         |               |              |                 |              |                |                |                 |                |            |       | 86.              |
| Davao<br>Dotabato   | 3.8              |           | 23.6         | 2.5   | 1.5                     |               |              |                 |              |                |                |                 | 12.7           |            |       | 50.              |
| amn Keithley Lango  | 1                |           | 1            | 1     | 1                       |               | 8.6<br>25.4  | 1               | 0.5          | 1.4            | 5.1            |                 |                | 4.6        | 0.5   | 180.<br>73.      |
| agayan, Misamis   |                  |           |              | 3.8   |                         |               |              |                 |              | 13.7           |                |                 | 2.5            | 2.5        | 8.9   | 75.              |
| Dapitan<br>Limpayon, Butuan, Agusana                          |                  | 6.1       |              |       |                         |               |              |                 |              |                |                |                 |                | 6.1        |       | 219.<br>29.      |
| Sutuan  |                  |           |              |       |                         |               |              |                 |              | 1.8            |                |                 |                | .3         |       | 29.<br>27.       |
| [ambajao  |                  |           |              |       |                         |               |              |                 |              |                |                |                 |                |            |       | 176.             |
| umaguete  |                  | 99 0      |              | 29.2  |                         | 9.7           | 1.3          | 5.1             | 13.5         |                |                |                 |                | 9.7        | 2.5   | 132.<br>496.     |
| ap, Western Carolines   | . 5              | 20. 9     | 9. 1         | 29.2  | 4                       | 9. 1          | 1. 5         | 4. 9            | .3           |                |                |                 |                |            |       | 27.              |
| wahigurigao   | . 3              | . 3       | 20, 5        |       |                         |               |              |                 |              |                |                | 27.4            | 10. 7          | . 3        |       | 263              |
| urigao<br>Iaasin  |                  | - <b></b> |              |       |                         |               | 3.8<br>17.3  |                 |              | 18.3           | 2.8            | 27.4            | 4.8            |            |       | 37.<br>162.      |
| ebu   |                  |           |              | 0.4   |                         |               | 11.5         | 11.7            |              | 10. 3          |                | 21.4            | 4.0            |            |       | 66.              |
| a Carlota Occidental Negrosa                                  |                  |           | l            |       |                         | .5            | 9.6          | 55.1            | 13.5         | 21.5           | .3             | 11.2            |                |            |       | 316.             |
| oilo  | 1                |           | 2            |       | 1.5                     | 5.6           | 18.5<br>14.2 | 15.2            | 54.3<br>50.2 | 70.8<br>49.8   | 3.8<br>23.2    | 30. 5<br>15     |                |            |       | 428.<br>592.     |
| oilo<br>an Jose Buenavista<br>uyo                             |                  |           | 1.3          | 1     | 1                       |               | 1 7 C        | 51.6<br>1.8     | 3.3          | 23.1           | 23. Z<br>50    | 14              | 10.2           |            |       | 206              |
| ucena, Iloilo a   |                  |           |              |       |                         |               |              |                 | 14.5         | 31.2           | 3.3            | 36.1            |                |            |       | 185.             |
| rmocuiuan.  |                  | <b>-</b>  |              | .8    |                         |               |              | 1.5             | .5           | 40.0           |                | 9. 4            |                |            |       | 50.<br>64.       |
| uiuanuiuanueñas. Iloiloa                                      |                  |           |              |       |                         |               |              | 1.5             |              | 40.9<br>12.4   |                | 8.9             |                |            |       | 54               |
| itaogan, Iloilo (Railroad Iloilo<br>to Capiz) a               |                  |           |              |       |                         |               |              |                 |              |                |                | 1               |                |            |       | 1                |
| to Capiz) a   |                  |           |              |       |                         |               |              |                 |              | 21.4           | 2.5            | 3.3             |                |            |       | 42               |
| apus, Iloilo (Railroad Iloilo to<br>Capiz) <sup>a</sup>       |                  |           | 5.1          |       |                         | 4.3           | 18.3         | 14.7            | 53, 6        | 49.7           | 4.3            | 39.6            |                |            |       | 434              |
|   |                  |           |              |       |                         |               | 1            | 9               | 8.4          | 1.3            |                |                 |                |            |       | 48               |
| umarao, Capiz <sup>a</sup><br>2ao, Capiz <sup>a</sup><br>apiz | .                |           |              |       |                         |               |              |                 |              | 16.5           | 1.8            |                 |                |            |       | 107              |
| lao, Capiz <sup>a</sup>                                       | .                | 5.6       |              | 2.5   | .5                      |               |              | 3               | 1.3<br>11.7  | 1.3<br>18.8    | 2.3<br>8.9     |                 |                |            |       | 115<br>82        |
| orongan   |                  |           |              |       |                         |               |              |                 |              |                | .3             |                 |                |            |       | 49               |
| atbalogan   |                  |           |              |       |                         |               |              |                 |              |                |                | 15.5            |                |            |       | 124<br>163       |
| albayog   | .                |           |              |       |                         |               |              | .3              |              | 5.1            | 2              | .5              | 2.3            |            |       | 103              |
| an Jose Estate, J. Abello D-13,                               |                  |           | į.           | 1     |                         |               |              |                 |              | 0.1            |                |                 | 1              |            | 1     | Ì                |
| Mindoro a   | .                | 3.8       |              | 3.3   | 3                       | 2.5           | 2.3          | 16              | 21.3         | 20.4           | 26.5           | 30.5            | 22.8           |            |       | 419              |
| an Jose Estate, Tamaraw<br>Plantation, Mindoroa               | 27.7             | l ·       | 1            | ļ     |                         | 9.7           | 12.2         | l               | 24.9         | 12.2           | 52.5           | 74.2            | 26.1           | 4.6        |       | 490              |
| an Jose Estate, San Agustin,                                  | 21.1             |           | ļ            |       |                         | 3.1           | 12.2         |                 | 24.5         | 12.2           | 02.0           | 14.2            | 20.1           | 4.0        |       | l                |
| Mindoro a   | ·                |           |              |       | .                       |               | 3.8          | 6.4             | 7.9          | 1.8            | 34.3           | 53.3            | 34.8           |            |       | 409              |
| an Jose, Mindoro®   | 12.2             |           |              | 11.9  |                         | 1             | 1.8          | 10.9            | 6.9          | 8.1            | 46.7           | 43.1            | 55. 3          | .3         |       | 494              |
| an Jose Estate, Tunnel D-12,<br>Mindoro a<br>Comblon          |                  | 7.4       |              | 6.4   |                         | l             | 10.4         | 15.2            | 2.6          | 49             | 54.3           | 56.3            | 2.5            |            |       | 526              |
| lomblon   |                  |           |              | .8    | 1.3                     |               |              |                 | .3           |                | .3             | 40.4            | ]              |            |       | 55               |
| Satagorsogon  | -                |           | <del>-</del> | .     |                         |               |              | ļ·              |              |                |                | 3.6             |                | 6.1        |       | 13<br>68         |
| egaspi  | -                |           |              |       |                         |               |              | .8              | 12.9         | 5.6            | 38.4           | 5.9             |                | 0.1        |       | 113              |
| an Miguel Estate, San Miguel                                  | 1                |           |              |       |                         |               |              |                 |              | 1              | ١              | ١.,             | į .            |            | 1     | 1.0              |
| Island, Tabaco, Albayabumay, Guam                             | - OC 4           | -11-4     | ·            | -     | 10.9                    |               | 20.3         | 14              | 1.5          | 2.5            | 6. 1<br>5. 1   | 8.4             | 3.8            | 1.3        |       | 18<br>680        |
| alapan  | 00.4             | 11.4      |              |       | 10.2                    |               |              | 14              | .5           | .3             | 1.3            | 11.2            |                | 45.7       |       | 120              |
| irac  |                  |           | .            |       |                         |               |              |                 |              |                | .5             |                 | 2.5            |            | -     | 24               |
| Vaga<br>Vigaon  | -                |           | ·            |       | ·                       | 6.4           |              | 1               | 171          | 5.8<br>17.3    | 1.3<br>31.2    | 36<br>6. 9      | 1              |            |       | 106<br>264       |
| ucena   | -                |           |              |       |                         | 0. 4          |              | 1               | 1            | 17.5           | 6. 1           | 4.3             | 4.6            |            |       | 75               |
| timonan   |                  |           |              |       | .                       |               |              |                 |              | 3              | 6.4            | 2.6             |                |            | - :   | 67               |
| mbulong, Tanauan  |                  | 2.3       |              |       |                         | 5.3           | 2            | <b> </b>        | 21.8<br>4.8  | .8             | 6.6<br>11.9    | 33.3            |                | 14.5       |       | 248<br>174       |
| anlubang, Calamba<br>aracale                                  | 5                | 3.3       |              | -     |                         | 7.1           |              |                 | 3            | .8             | 1.5            | 9.6             |                |            |       | 102              |
| anta Cruz, Laguna   | .                | . 2       |              |       |                         | 1.8           | 1.3          | .8              | 8.4          |                | 25.4           | 23.1            | .8             |            | -     | 198              |
| ort Mills, Corregidorsc                                       | 5.8              | 6.6       | .5           |       | . 9.7                   | 16<br>10.2    | 9.2          | .3              | 31.8         | 11.5<br>30.5   | 124.5          | 41.1<br>17.8    | 8. 4<br>8. 9   |            | -     | 577<br>267       |
| Mabang, Rizala<br>Amao, Bataana                               | 1.8              | 5.8       | 22.1         | 3.8   | 1.3<br>118.2            | 87.1          | 5.1          | 23. 3           | .8           | 8.9            | 22. 9<br>92. 4 | 14.7            |                |            |       | 957              |
| Ianila  | 4.4              | .4        | 22.1         |       | 5.7                     | 32.5          | 3.4          | .8              | 14.2         | 36. 1          | 26.7           | 7.4             | .3             | 1.8        |       | 621              |
| Intipolo  | 2.5              |           | 1 0          | -     | 6.1                     | 81.8          | 14.7         | 5.6<br>19       | 36.3<br>54.6 | 19.3           | 26.7           | 5.9<br>15       | 5.8            |            |       | 714<br>842       |
| Bosoboso, Rizala  |                  |           | 1.8<br>7.6   |       | 8.4                     | 85.6<br>5.1   | 54.9<br>46.2 | 8.1             | 4.6          | 12. 4<br>28. 4 | 38. 1<br>16    | 30.2            | 21.1           | 21.6       |       | 1, 070           |
| Hacienda Pintong Sapang, San                                  |                  |           |              |       | 1                       | 1             |              |                 |              |                |                | 1               | 1              |            |       | 1                |
| Jose, Bulacana  | 3.8              | 2. 5      |              |       | -                       | 34            |              | ·¦              | 31.7         | 41.7           | 28.2           | 5.6             | 6.9            |            | -     | 752              |
| Iabayuan Dam, Olongapo, Zam-<br>bales a                       | 56.6             | 20.8      | 35. 5        | 31 2  | 102. 9                  | 61.3          | 12.7         | 5.6             | 58.4         | 26.2           | 69.6           | 41.6            | 76. 9          | 1.6        |       | 1, 866           |
| bab   | 9.7              | 5         | 13.2         | 7.8   | 40.3                    | 2.6           | 3.6          | .3              | 51.5         | 35             | 192. 5         | 67.4            | 82.3           |            | -     | 1,016            |
| an Isidro   | . 3              |           | 1.5          |       |                         | 43            | .5           | 1.5             | 17.3         | 36.3           | 6.6            | 11.4            | 14.5           |            | 4.1   | 608              |
| Iacienda Luisita, Comillas, Tar-<br>lacª                      | 2, 3             |           |              |       | 1.8                     | 51.8          | 2.5          |                 | . 8          |                | 56.8           | 19.6            | 13.5           |            |       | . 587            |
| Iacienda Luisita, San Miguel,                                 | - I              |           |              | 1     |                         | 1             | 1            | _               | 1            |                |                | 1               |                | -          | 1     | İ                |
| Tarlac*   | _ 4              | .3        | 2.5          | 3.3   |                         | 60.4          | .8           |                 | 2 4.3        | 11.2           | 62.5           | 12.2<br>29.7    | 10. 2<br>13. 8 | .3         |       | 643              |
| 'arlac<br>Baler   |                  | 3.8       | 8.8          | 4.8   | 25. 4                   | 49.8<br>26.4  | .5           | 10. 0           | 2.0          | 2.5            |                | 8.9             |                |            |       | 214              |
| Paniqui, Tarlaca  |                  |           | 20.3         | 5.3   |                         | 57.4          |              |                 | -            | 46.7           | 49             | 13. 5           | 11.4           |            |       | 471              |
| C. L. A. S. Muñoz, Nueva Ecija a                              | _ 52.1           | 2.8       |              | 77.9  |                         | 2.8<br>60.5   |              | - 8. 1<br>18. 3 |              | 13.5<br>31.1   |                | 13. 5<br>20. 6  |                | 7.6        | .5    | 1 00             |
| DagupanBolinao  |                  | 9. 7      | 10.7<br>13.2 |       |                         |               |              | 18.3            | 39.1         | 45             | 60. 9          |                 | 25. 1          | .5         |       | 719              |
| Baguio  | 91.4             |           | 34.5         | 52.9  | 156. 4                  | 179           | 37.8         | 88              | 17. 5        | 76             | 16.2           | 16.9            | 40.9           |            | 8     | 2, 202           |
| San Fernando, Union   | _ 38             | 5.1       |              | 99.4  | 138                     | 152. 1        | 2.6          |                 |              | 61             | 31.3           |                 | 16<br>1        |            | _ 2.3 | 961              |
| Echagüe<br>Sagada, Mountain Provinces                         | 7.1              | 15.5      | 16.8         | 33.8  | . 1.5<br> 131.1         | 14.7<br>128.5 | 1.3          |                 |              |                |                | 5.6             |                |            |       | 731              |
| Bontoc, Mountain Province                                     | -                | . 1       | 5.8          | 64.5  | 106.1                   |               | 1.5          |                 |              | 31.8           | 9.1            | 1.8             | 4.6            | 1          | 1.3   | 44               |
| Candon  | _ 23.6           | 34.8      |              | 178.8 | 280.6                   | 230.6         |              | 3.8             | 6.1          | 27.7           | 66<br>21       | 47.3<br>24.1    |                |            | 2.8   | 1, 43<br>1, 45   |
| Villavieja, Pilar, Abraa<br>Vigan                             | - 37.9<br>- 57.3 |           |              |       | 191. <b>5</b><br>116. 3 |               |              |                 |              |                |                |                 |                |            | 5.7   | 1, 24            |
| Fuguegarao  | _ 47.3           | i         | .3           | .3    | 12.5                    | 2.8           |              | .               | 45           | 7.4            | 2.3            | 1               |                | -          |       | . 132            |
| La Paz, Abra a  | _ 131. 4         | 9.7       | 140. 7       | 108.7 | 227.1                   | 39.4          |              |                 |              |                |                | 49. 5<br>135. 4 |                | 17.3<br>31 | 93.8  | 1, 642<br>1, 294 |
| Laoag   | _ 46             | 34.2      | 66. 1        | 93.4  | 187<br>- 27.8           | 38.3          |              | 2.8             |              |                |                | 50.2            |                | 91         | .5    |                  |
| Aparri  | 1                | 1         |              |       |                         |               |              |                 |              |                |                |                 |                |            | 2     | 65               |

a Voluntary or coöperative station.
b Rain in 24 hours beginning 8 a. m.
c Rain in 24 hours beginning 7 a. m.

 $<sup>^{\</sup>rm d}$  30 days of observation.  $^{\rm e}$  27 days of observation.

# METEOROLOGICAL BUULETIN.

# BULLETIN FOR JULY, 1918.

# MAXIMUM AND MINIMUM TEMPERATURES AT THE STATIONS OF THE WEATHER BUREAU, JULY 1918.

# BULLETIN FOR JULY, 1918.

Maximum and minimum temperatures at the stations of the Weather Bureau, July, 1918—Continued.

| Day.       | Се   | bu.  | Ilo   | ilo.   | San<br>Buens  | Jose<br>svista.   | Cu   | yo.   | Ori   | noc.   | Gui  | uan.   | Tacl   | oban.          | Ca  | piz.  |
|------------|--|--|---|--|---|---|--|---|---|--|--|--|--|----------------|---|---|
| Day.       | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum,  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum,  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Min<br>mur  |
|            | l  |  | ļ   |  |   |   | l  | ļ   | ]   |  |  |  |  |                |   | <u> </u>  |
|            | •C.  | °C.  | °C.   | •c.  | °C.   | •c.   | °C.  | °C.   | °C.   | •c.  | • C.   | *C.  | °C.  | °C.            | °C.   | ·c  |
|            |  | 24   | 31.2  | 24.2   | 31.9  | 99  | 30.6   | 26.1  | 32.8  | 22, 1  |  | 26   | 32.9   | 23.4           | 32.5  | 23.8  |
|            | 32.5   |  |   |  |   | 23.4  |  | 20.1  | 34.0  | 24.1   | 33   |  |  | 23.4           | 32.0  | 20.   |
|            | 90.4   | 24.9   | 31.5  | 24.8   | 33.4  | 20.4  | 31.4   | 23.9  | 32.9  | 21.9   | 33.5   | 23.1   | 32.9   | 23.6           | 32.3  | 22.   |
|            | 30.4   | 23.6   | 31  | 24.5   | 32.1  | 23.5  | 31.7   | 24.7  | 31.9  | 22.2   | 31.9   | 24.1   | 31   | 23. 4          | 32.8  | 23.   |
|            | 29.5   | 24.2   | 30  | 23.5   | 29.8  | 22.1  | 28.4   | 23.8<br>22.9  | 31.8  | 21.6   | 30.3   | 23.4   | 30.8   | 23.7           | 32.7  | 24.   |
|            | 28.7   | 24.5   | 28.5  | 23.6   | 26.7  | 21.1  | 27.3   | 22.9  | 31.1  | 23.5   | 31.4   | 25.1   | 30.7   | 23.1           | 31  | 23.   |
|            | 29.6   | 24   | 30.3  | 22.6   | 29.9  | 22.5  | 28.3   | 25.2  | 31.2  | 24.5   | 30.1   | 25.1   | 32. 1  | 22             | 31.7  | 22.   |
| '          | 28.8   | 23   | 28.4  | 21.8   | 29.8  | 23.3  | 28.8   | 24.7  | 30. 9   | 25.8   | 30.4   | 26.9   | 31.9   | 23.4           | 32. 2   | 22.   |
|            | 31   | 24.5   | 29.4  | 23.8   | 30.2  | 22  | 28. 9  | 23.2  | 30.3  | 23.6   | 28.6   | 24.3   | 29   | 23.5           | 31.6  | 22.   |
|            | 30.9   | 26.5   | 29.6  | 26.1   | 30.2  | 26.1  | 29.3   | 25.4  | 30.6  | 23.9   | 30. 2  | 27   | 31.4   | 23             | 34.2  | 24.   |
|            | 31.2   | 26.4   | 30  | 23.2   | 30.6  | 25.5  | 29.3   | 27. 2   |   | 23.9   |  | 27.5   |  | 24.4           | 33.9  | 24.   |
|            | 29.6   | 26.2   | 30  |  | 30.0  | 20.0  |  |   | 31  | 20.9   | 30.3   |  | 33. 1  |                |   |   |
|            | 29.0   |  |   | 24.6   | 30.7  | 26  | 29.6   | 26.8  | 31.8  | 27.3   | 30.8   | 27   | 33.5   | 23.6           | 34.2  | 24.   |
|            | 30.5   | 25. 9  | 30.6  | 24.3   | 31  | 25.5  | 29.4   | 25. 2   | 32.4  | 25.8   | 31.5   | 27.1   | 35   | 22.6           | 34  | 25.   |
|            | 30.4   | 27.3   | 28.2  | 22.8   | 29.5  | 23  | 29.9   | 25.2  | 32.4  | 23.4   | 32   | 27.1   | 33.1   | 22.9           | 33.3  | 24.   |
|            | 31.3   | 26.3   | 30.3  | 24.8   | 30. 9   | 24.1  | 30. 2  | 25. 1   | 32  | 23.9   | 32.2   | 27.3   | 33.8   | 21.5           | 34.9  | 24.   |
|            | 30, 1  | 26.6   | 28.4  | 23   | 29.9  | 23.5  | 29.9   | 26.8  | 31.7  | 23.4   | 31. 9  | 27.3   | 34.4   | 22.2           | 32.6  | 23.   |
|            | 30   | 26.6   | 30.3  | 23.9   | 31.1  | 22.5  | 28.4   | 23  | 32.6  | 22. 9  | 31. 1  | 27. 3  | 34   | 22.4           | 33.2  | 23.   |
|            | 30, 2  | 26.3   | 30.3  | 26.6   | 31. 4   | 23.4  | 30   | 25.6  | 32.9  | 24   |  | 27.5   |  | 23.7           | 33.4  | 22.   |
|            | 30.2   |  |   | 20.0   | 01.4  |   |  |   |   | 24   | 31   |  | 34   | 20.1           |   |   |
|            | 30   | 26   | 30.4  | 25.7   | 31.2  | 24.2  | 30.2   | 26.3  | 33.2  | 22.9   | 32   | 27.4   | 34.5   | 23             | 34.1  | 24.   |
|            | 30   | 26.3   | 30.5  | 26.5   | 31.3  | 24.6  | 30.5   | 26.6  | 33.3  | 22.7   | 32.2   | 27.2   | 34   | 22.9           | 33.6  | 24.   |
|            | 30   | 26. 2  | 30.5  | 25.6   | 31.5  | 24.3  | 30.3   | 26.1  | 33.1  | 22.9   | 32   | 25.7   | 34.2   | 23             | 32.7  | 24.   |
|            | 30.4   | 25.1   | 30.7  | 25.9   | 31.9  | 23.7  | 30.2   | 27.1  | 33. 2   | 23.5   | 32.3   | 26. 2  | 34.5   | 23. 4          | 33.7  | 23.   |
|            | 29, 7  | 25.2   | 30.1  | 25   | 31.8  | 22.5  | 30.1   | 24.3  | 33  | 22.4   | 32   | 27.6   | 35.4   | 23.5           | 34.1  | 23.   |
|            | 30.9   | 26   | 30. 9   | 26   | 31.6  | 24.8  | 30.4   | 25.6  | 33.6  | 22.9   | 32.8   | 26.2   | 34.5   | 23.5           | 34.3  | 24.   |
|            | 29.3   | 23.7   | 30.7  | 25   | 32.2  | 24.0  | 30.2   | 24.6  | 33.4  | 23.5   | 31.7   | 27.2   | 34   | 23.5           | 34.3  | 24.   |
|            | 20.0   | 25.1   |   | 04.9   | 97.0  |   |  |   |   | 20.0   |  |  |  | 20.0           |   |   |
| ?          | 29.6   | 25. 9  | 28. 1   | 24.2   | 27.9  | 23.5  | 29.8   | 26.7  | 31.8  | 23.9   | 31.1   | 26.6   | 32.1   | 23.6           | 32.8  | 25.   |
| 3          | 30   | 26   | 29.6  | 22.8   | 29.3  | 24  | 27.8   | 24.8  | 32.8  | 25.4   | 31.4   | 27.4   | 33.4   | 23             | 32.4  | 23.0  |
| '          | 29.6   | 26.4   | 28.5  | 24.2   | 29.7  | 22.5  | 28.8   | 23.3  | 32.8  | 24.7   | 30.7   | 23.5   | 32.4   | 24.1           | 32.2  | 23.   |
| 3          | 30.6   | 26.2   | 28.3  | 23.1   | 28.7  | 22.3  | 29.3   | 23.7  | 32.5  | 25.8   | 32   | 26.6   | 33.2   | 23.4           | 32.5  | 23.   |
| )_ <b></b> | 30   | 24.9   | 29.8  | 24.5   | 30.6  | 23.4  | 29.6   | 23. 9   | 33  | 23.9   | 33.6   | 27   | 34   | 23.1           | 33.1  | 23.   |
| )          | 31   | 23. 9  | 29.8  | 25. 2  | 31.8  | 22.8  | 30.7   | 25.3  | 33.4  | 23.1   | 33.5   | 26.7   | 34   | 23. 6          | 33.9  | 24.   |
|            | 32   | 25. 5  | 30.6  | 23.7   | 31.2  | 21.8  | 30.7   | 24.7  | 33.4  | 22.4   | 33.7   | 25   | 34.6   | 23. 9          | 32. 2   | 24.   |
|            |  |  |   |  | 01.4  | 41.0  | 30.1   | 24.   | 33.4  | 22.4   | 00.1   | 20   | 04.0   | 20. 5          | 32.2  | 24.   |
|            |  |  |   |  |   |   |  |   |   |  |  |  |  |                |   |   |
| Mean       | 30.3   | 25.4   | 29.9  | 24. 4  | 30. 6   | 23.5  | 29.7   | 25.1  | 32.3  | 23. 7  | 31.7   | 26.2   | 33.2   | 23, 2          | 33. 1   | 23.   |
|            | 30.3   |  | 29.9  |  | 30. 6   | 23.5<br>ayog.   | 1  | 25. 1<br>bate.  | 1   | 23. 7<br>blon.   | <br>   | 26. 2<br>tag.  | 33. 2<br>Sorse   | -              | 33. 1   | 23. 9<br>aspi.  |
|            | 30.3   | 25.4   | 29.9  | 24. 4  | 30. 6   | <u> </u>  | 1  | <u> </u>  | 1   |  | <br>   |  | =<br> <br>   | -              | l   |   |
| Mean       | 30.3   | 25.4<br>ngan.  | 29.9  | 24. 4  | 30. 6   | <u> </u>  | 1  | <u> </u>  | 1   |  | <br>   |  | Sorse  | -              | l   | aspi.<br>Min  |
| Mean       | Boro<br>Maxi-<br>mum.  | 25.4 ngan. Minimum.  | Catba<br>Maxi-<br>mum.  | 24.4   | 30. 6  Calb   | Mini-<br>mum.   | Maxi-  | Mini-<br>mum.   | Rom<br>Maxi-<br>mum.  | Mini-  | Bat<br>Maxi-<br>mum.   | Mini-<br>mum.  | Sorso<br>Maxi-<br>mum.   | Mini-          | Lega<br>Maxi-<br>mum.   | aspi.<br>Min<br>mur   |
| Mean       | Boro Maximum.  | 25.4 ngan. Minimum.  | Catba Maximum.  | 24.4  llogan.  Minimum.  | 30. 6  Calb  Maximum.   | Mini-mum.   | Maxi-mum.  | Mini-<br>mum.   | Maxi-mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Sorso<br>Maxi-<br>mum.   | ogon.<br>Mini- | Maxi-mum.   | Min<br>mur  |
| Mean       | Boro Maximum.  | 25. 4 ngan. Minimum. °C. 23. 3   | Catba Maximum.  | 24. 4 llogan.  Minimum.  *C. 22. 5   | 30.6  Calb  Maximum.  | Minimum.  | Maximum.   | Mini-<br>mum.   | Rom Maximum.  *C. 32.5  | Minimum.   | Maximum.   | Minimum.   | Sorse Maximum.   | Mini-<br>mum.  | Maximum.  | Min mur   |
| Mean       | Boro Maximum.  | 25.4  ngan.  Minimum.  °C. 23.3 22.4   | 29.9  Catba  Maximum.  *C. 31.2   | 24. 4 llogan. Minimum.  *C. 22. 5 21. 5  | 30. 6  Calb  Maximum.   | Mini-<br>mum.<br>•C.<br>22.9<br>22.4  | Maxi-mum.  | Minimum.  | Maxi-mum.   | Mini-<br>mum.<br>*C.<br>25. 2<br>23. 4   | Maxi-<br>mum.  | Minimum.   | Sorse Maximum.   | Mini-<br>mum.  | Maxi-mum.  *C. 32.8 32.2  | Mir<br>mui  |
| Mean       | 30. 3  Boro  Maximum.  *C. 32 32. 32. 2  | 25.4  ngan.  Minimum.  °C. 23.3 22.4   | 29.9  Catba  Maximum.  *C. 31.2   | 24. 4 llogan. Minimum.  *C. 22. 5 21. 5  | 30.6  Calb  Maximum.  *C. 30.5 30.8   | Mini-<br>mum.<br>•C.<br>22.9<br>22.4  | Masimum.  *C. 32.6   | Minimum.  | Rom Maximum.  *C. 32.5 32.6   | Mini-<br>mum.<br>*C.<br>25. 2<br>23. 4   | Maxi- mum.  *C. 31.8 32  | Mini-<br>mum.<br>•C.<br>23.5<br>22.7   | Sorse Maximum.   | Minimum.       | Maxi-mum.  *C. 32.8 32.2  | Mir<br>mui  |
| Mean       | 30.3  Boro  Maximum.  *C. 32 32.2 31.6   | 25.4 mgan. Minimum. °C. 23.3 22.4 22.4   | 29.9  Catba  Maximum.  °C. 31.2 31 30.3   | 24.4 llogan.  Minimum.  °C. 22.5 21.5 22   | 30.6  Calb  Maximum.  °C. 30.5 30.8 30.8  | Minimum.  *C. 22.9 22.4 22.6  | Maximum.  *C. 32.6 34 31.6   | Minimum.  *C. 25.2 25.2 25.6?   | Rom Maximum.  *C. 32.5 32.6 33.4  | Mini-mum.  *C. 25.2 23.4   | Maxi-<br>mum.<br>*C.<br>31.8<br>32<br>31.2   | Mini-<br>mum.<br>*C.<br>23.5<br>22.7<br>24   | Sorse Maximum.  *C. 32.5 33 32.5   | Minimum.       | Maxi-<br>mum.<br>•C.<br>32.8<br>32.2<br>31.3  | Mir<br>mur<br>• C<br>23.  |
| Mean       | 30.3  Boro  Maximum.  *C. 32 32.2 31.6 32.1  | 25.4 mgan.  Minimum.  °C. 23.3 22.4 22.4 23.7  | 29.9 Catba  Maximum.  °C. 31.2 31 30.3 29.4   | 24.4 llogan.  Minimum.  °C. 22.5 21.5 22 22  | 30.6  Calb.  Maximum.  °C. 30.5 30.8 30.8 28  | Mini-mum.  *C. 22.9 22.4 22.6 22.8  | Maximum.  *C. 32.6 34.6 31.6 30.4  | Mini-<br>mum.<br>*C.<br>25. 2<br>25. 22. 25. 6?<br>24. 8  | Maxi-<br>mum.<br>*C.<br>32.5<br>32.6<br>33.4  | Mini-<br>mum.<br>*C.<br>25.2<br>23.4<br>23.4   | Maxi-<br>mum.<br>*C.<br>31.8<br>32<br>31.2<br>27.3   | Mini-<br>mum.<br>°C.<br>23.5<br>22.7<br>24<br>23.8   | Sorse<br>Maxi-<br>mum.<br>*C.<br>32.5<br>33.5<br>32.5  | Minimum.       | Maxi-<br>mum.<br>•C.<br>32.8<br>32.2<br>31.3<br>29.8  | Mir<br>mur<br>• C<br>23.<br>23.<br>22.  |
| Mean       | 30.3  Boro  Maximum.  *C. 32 32.2 31.6 32.1 31.4   | 25.4  Minimum.  *C. 23.3 22.4 22.4 23.7 722.9  | 29.9  Catba  Maximum.  °C. 31.2 31.30.3 29.4 29.2   | 24.4 llogan.  Minimum.  *C. 22.5 21.5 22 22 23.2   | 30.6  Calb.  Maximum.  *C. 30.5 30.8 30.8 28 29   | Minimum.  *C. 22.9 22.4 22.6 22.8 23.2  | Maximum.  *C. 32.6 34 31.6 30.4 30.4   | Minimum.  *C. 25.2 25 25.6? 24.8 22.4   | Maxi-<br>mum.<br>*C.<br>32.5<br>32.6<br>33.4<br>33<br>30.6  | Minimum.  *C. 25.2 23.4 23.23.4 24.5   | Maximum.  *C. 31.8 32 31.2 27.3 28.4   | Mini-<br>mum.<br>°C.<br>23.5<br>22.7<br>24<br>23.8<br>22.4   | Sorse Maximum.  *C. 32.5 33 32.5 32.5 30.5   | Minimum.       | Maxi-mum.  *C. 32.8 32.2 31.3 29.8 28.3   | Mir<br>mur<br>23.<br>23.<br>22.<br>23.  |
| Mean       | 30.3  Boro  Maximum.  *C. 32 32.2 31.6 32.1 31.4 32.7  | 25.4  Minimum.  *C. 23.3 22.4 22.4 23.7 22.9 24.5  | 29.9  Catba  Maximum.  *C. 31.2 31 30.3 29.4 29.2 31.2  | 24.4 llogan.  Minimum.  *C. 22.5 21.5 22 23.2 23.2   | 30.6 Calb  Maximum.  *C. 30.5 30.8 30.8 28 29 29.5  | Mini-<br>mum.<br>*C.<br>22.9<br>22.4<br>22.6<br>22.8<br>23.2<br>23.2<br>23.7  | Maximum.  *C. 32.6 34 31.6 30.4 30.4 30.4 31.2   | Mini-<br>mum.<br>°C.<br>25. 2<br>25. 6?<br>24. 8<br>22. 4<br>25. 2  | Maximum.  *C. 32.5 32.6 33.4 33 30.6 30.1   | Minimum.  *C. 25.2 23.4 23 23.4 24.5 23.1  | Maximum.  *C. 31.8 32 31.2 27.3 28.4 30.3  | Mini-<br>mum.<br>°C.<br>23.5<br>22.7<br>24<br>23.8<br>22.4<br>22.8   | Sorse Maximum.  *C. 32.5 33 32.5 32.5 30.5 30.8  | Minimum.       | Maxi-mum.  *C. 32.8 32.2 31.3 29.8 28.3 30.8  | Mir mur   |
| Mean       | 30. 3  Boro  Maximum.  *C. 32 32. 2 31. 6 32. 1 31. 4 32. 7 31. 6  | 25.4  Minimum.  *C. 23.3 22.4 23.7 22.9 24.5 23  | 29.9  Catba  Maximum.  *C. 31.2 31 30.3 29.4 29.2 31.6  | 24.4  llogan.  Minimum.  *C. 22.5 21.5 22 23.2 23.2 23.2 26.5  | 30.6<br>Calb<br>Maximum.<br>°C.<br>30.5<br>30.8<br>30.8<br>29<br>29.5<br>28.6   | Minimum.  *C. 22.9 22.4 22.6 22.8 23.2 23.7 24.2  | Maximum.  *C. 32.6 34 31.6 30.4 30.4 31.2 30.2   | Minimum.  *C. 25.2 25.6? 24.8 22.4 25.2 24.2  | Maximum.  *C. 32.5 32.6 33.4 33 30.6 30.1 28.9  | Minimum.  *C. 25.2 23.4 23.4 24.5 23.1   | Maximum.  *C. 31.8 32 31.2 27.3 28.4 30.3 30.8   | Minimum.  *C. 23.5 22.7 24 23.8 22.4 22.8 23.1   | Sorse Maximum.  *C. 32.5 33 32.5 32.5 30.5 30.8 30.5   | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 29.8 28.3 30.8 30.1  | Mir mur • 0 23. 23. 22. 23. 22. 23. 23.   |
| Mean       | 30.3<br>Boro<br>Maximum.<br>°C.<br>32<br>32.2<br>31.6<br>32.1<br>31.4<br>32.7<br>31.6<br>30.3  | 25.4  Minimum.  *C. 23.3 22.4 22.4 23.7 22.9 24.5 23 23.6  | 29.9  Catba  Maximum.  *C. 31.2 31.3 30.3 29.4 29.2 31.6 30.5   | 24.4 llogan. Minimum.  *C. 22.5 21.5 22 23.2 23.2 26.5 24  | 30.6  Calb.  Maximum.  *C. 30.5 30.8 30.8 28 29 29.5 28.6 28.1  | Mini-mum.  *C. 22.9 22.4 22.6 22.8 23.2 23.7 24.2 25.5  | Maximum.  *C. 32.6 34 31.6 30.4 30.4 31.2 30.2 30.2 30.8   | Mini-mum.  *C. 25. 2 25. 6? 24. 8 22. 4 25. 2 24. 2   | Maximum.  *C. 32.5 32.6 33.4 33 30.6 30.1 28.9 29.7   | Mini-mum.  *C. 25. 2 23. 4 23. 4 24. 5 23. 1 24 23. 8  | Maxi- mum.  *C. 31.8 32 31.2 27.3 28.4 30.3 30.8   | Mini-mum.  *C. 23.5 22.7 24 23.8 22.4 22.8 23.1  | Sorse Maximum.  *C. 32.5 33 32.5 32.5 30.5 30.8  | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 29.8 28.3 30.8 30.1 30.3   | Mir<br>mur<br>23.<br>23.<br>22.<br>23.<br>22.<br>23.<br>24.   |
| Mean       | 30.3  Boro  Maximum.  *C. 32 32.2 31.6 32.1 31.4 32.7 31.6 30.3 30.4   | 25.4  Minimum.  °C. 23.3 22.4 22.4 23.7 22.9 24.5 23 23.6 25.5   | 29.9  Catba  Maximum.  *C. 31.2 31 30.3 29.4 29.2 31.6 30.5   | 24.4 llogan.  Minimum.  *C. 22.5 21.5 22 22 23 26.5 24 27  | 30.6<br>Calb.<br>Maximum.<br>°C.<br>30.5<br>30.8<br>28<br>29<br>29.5<br>28.6<br>28.1<br>28.9  | Minimum.  *C. 22.9 22.4 22.6 22.8 23.7 24.2 25.5 27.2   | Maximum.  *C. 32.6 34 31.6 30.4 30.4 31.2 30.2   | Minimum.  *C. 25.2 25.6? 24.8 22.4 25.2 24.2  | Maximum.  *C. 32.5 32.6 33.4 33 30.6 30.1 28.9  | Minimum.  *C. 25. 2 23. 4 24. 24. 5 23. 1 24 23. 8 25. 2   | Maximum.  *C. 31.8 32 31.2 27.3 28.4 30.3 30.8   | Minimum.  *C. 23.5 22.7 24 23.8 22.4 22.8 23.1   | Sorse Maximum.  *C. 32.5 33 32.5 32.5 30.5 30.8 30.5   | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 29.8 28.3 30.8 30.1  | Mir must 23. 22. 23. 22. 23. 24. 25.  |
| Mean       | 30.3  Boro  Maximum.  *C. 32 32.2 31.6 32.1 31.4 32.7 31.6 30.3 30.4   | 25.4  Minimum.  °C. 23.3 22.4 22.4 23.7 22.9 24.5 23 23.6 25.5   | 29.9  Catba  Maximum.  *C. 31.2 31 30.3 29.4 29.2 31.6 30.5   | 24.4 llogan.  Minimum.  *C. 22.5 21.5 22 22 23 26.5 24 27  | 30.6<br>Calb.<br>Maximum.<br>°C.<br>30.5<br>30.8<br>28<br>29<br>29.5<br>28.6<br>28.1<br>28.9  | Minimum.  *C. 22.9 22.4 22.6 22.8 23.7 24.2 25.5 27.2   | Maximum.  *C. 32.6 34 31.6 30.4 30.4 31.2 30.2 30.8  | Mini-<br>mum.<br>*C.<br>25. 2<br>25. 6?<br>24. 8<br>22. 4. 8<br>22. 2<br>24. 2<br>24. 2<br>24. 2<br>27. 4   | Rom  *C. 32.5 32.6 33.4 33 30.6 30.1 28.9 29.7 31.8   | Minimum.  *C. 25. 2 23. 4 24. 24. 5 23. 1 24 23. 8 25. 2   | Maximum.  *C. 31.8 32 31.2 27.3 28.4 30.3 30.8 29  | Mini-<br>mum.<br>°C.<br>23.5<br>22.7<br>24<br>23.8<br>22.8<br>22.8<br>23.1<br>23.1<br>23.2   | Sorse Maximum.  *C. 32.5 33 32.5 32.5 30.5 30.8 30.5   | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 29.8 30.8 30.1 30.3 30.8   | Mir<br>mur<br>23.<br>23.<br>22.<br>23.<br>22.<br>23.<br>24.   |
| Mean       | 30.3  Boro  Maximum.  *C. 32 32.2 31.6 32.1 31.4 32.7 31.6 30.3 30.4 33.9  | 25.4 mgan. Minimum. °C. 23.3 22.4 22.4 22.7 22.9 24.5 23 23.6 25.5 23  | 29.9  Catba  Maximum.  °C. 31.2 31.30.3 29.4 29.2 31.6 30.5 30.5 30.5 32.1  | 24.4 llogan.  Minimum.  °C. 22.5 21.5 22 23.2 23.2 24 27 27  | 30.6<br>Calb<br>Maxi-<br>mum.<br>°C.<br>30.5<br>30.8<br>30.8<br>28<br>29<br>29.5<br>28.6<br>28.1<br>28.9  | *C. 22.9 22.6 22.8 23.2 24.2 25.5 27.2.3  | Maximum.  *C. 32.6 34 31.6 30.4 30.2 30.2 30.8 31 33   | Minimum.  *C. 25.2 25.6? 24.8 22.4 25.2 24.2 24.2 22.4 26.4 2   | Rom Maximum.  *C. 32.5 32.6 33.4 33 30.6 30.1 28.9 29.7 31.8  | Minimum.  *C. 25.2 23.4 23.2 23.4 24.5 23.8 25.2 24.4  | Maximum.  *C. 31.8 32 27.3 28.4 30.8 29 29.5 31.3  | Mini-mum.  *C. 23.5 22.7 24 23.8 22.4 22.8 23.1 23 24.4 24   | Sorso<br>Maxi-<br>mum.<br>*C.<br>32. 5<br>33<br>32. 5<br>30. 5<br>30. 5<br>30. 5<br>30. 6  | Minimum.       | Maxi-<br>mum.<br>*C.<br>32.8<br>32.2<br>31.3<br>29.8<br>28.3<br>30.8<br>30.8<br>30.8  | Mir mus<br>• C<br>23  |
| Mean       | 30.3  Boro  Maximum.  *C. 32 32.2 31.6 32.1 31.4 32.7 31.6 30.3 30.4 33.9 33.9   | 25.4 mgan. Minimum. °C. 23.3 22.4 22.4 23.7 22.9 24.5 23.6 25.5 23.23.4  | 29.9  Catba  Maximum.  *C. 31.2 31 30.3 29.4 29.2 31.6 30.5 30.5 32.1 32.3  | 24.4 llogan. Minimum.  *C. 22.5 21.5 22 22 23 26.5 24 27 27 26.9   | 30.6  Calb  Maximum.  *C. 30.5 30.8 30.8 29 29.5 28.6 28.1 28.9 29.2 29.4   | Mini-<br>mum.<br>•C.<br>22. 9<br>22. 4<br>22. 6<br>22. 8<br>23. 2<br>24. 7<br>24. 2<br>25. 5<br>27. 2<br>27. 2<br>27. 3   | Maximum.  *C. 32.6 34 31.6 30.4 31.2 30.2 30.8 31 33 32  | Mini-mum.  *C. 25. 2 25. 22. 6? 24. 2 24. 2 24. 2 27. 4 26. 8   | Rom  Maximum.  *C. 32.5 32.6 33.4 33 40.6 30.1 28.9 7 31.8 31.4 32  | Minimum.  *C. 25.2 23.4 23 23.4 524.5 22.8 25.2 224.4 26.3   | Maxi-<br>mum.<br>*C.<br>31.8<br>32.21.3<br>227.3<br>28.4<br>30.3<br>30.8<br>29.5<br>31.3   | Mini-<br>mum.<br>°C.<br>23.5<br>22.7<br>24<br>23.8<br>22.4<br>22.8<br>23.1<br>23<br>24.4<br>24.4<br>23.8   | Sorso<br>Maxi-<br>mum.<br>°C.<br>32.5<br>33.<br>32.5<br>30.5<br>30.8<br>30.5<br>30.6   | Minimum.       | Maxi-mum.  *C. 32.8 32.2 31.3 29.8 30.8 30.8 30.8 30.8 30.8 30.8  | Mir mus<br>23. 22. 22. 23. 22. 23. 22. 23. 22. 23. 24. 25. 26. 25. 26.  |
| Mean       | 30.3<br>Boro<br>Maxi-<br>mum.<br>°C.<br>32<br>32.2<br>31.6<br>32.1<br>31.4<br>32.7<br>31.6<br>30.3<br>30.3<br>33.9<br>33.2   | 25. 4  mgan.  Minimum.  °C. 23. 3 22. 4 22. 4 22. 4 23. 7 22. 9 24. 5 23 23. 6 23. 4 22. 6   | 29.9  Catba  Maximum.  °C. 31.2 31.3 30.3 29.4 29.2 31.6 30.5 30.5 30.5 32.1 32.3 32.8  | 24.4 llogan. Minimum.  °C. 22.5 21.5 22 23.2 23.2 24.7 27.7 26.9 23.7  | 30. 6  Calb  Maximum.  *C. 30. 5 30. 8 30. 8 29 29. 5 28. 6 28. 1 28. 9 29. 2 29. 4   | Minimum.  *C. 22. 9 22. 4 22. 8 23. 2 24. 2 25. 5 27. 24. 2 27. 3 27. 4 27. 4   | Maximum.  *C. 32.6 34.6 30.4 30.4 30.2 30.2 30.8 31 33 32 32   | Minimum.  *C. 25.2 25.67 24.8 22.4 25.2 24.2 24.2 24.2 26.4 26.8  | Maximum.  *C. 32.5 32.6 33.4 33.06 30.6 30.1 30.1 31.8 31.4 32  | Mini-mum.  *C. 25. 2 23. 4 24. 5 23. 1 24 23. 8 25. 2 24. 4 26. 3 25. 2  | Maximum.  *C. 31.8 32.27.3 28.4 30.8 29.5 31.3 31.4 33   | Mini-<br>mum.<br>23.5<br>22.7<br>24.8<br>22.8<br>22.8<br>22.8<br>22.4<br>23.1<br>23.1<br>24.4<br>24.8<br>23.7  | Maximum.  *C. 32.5 33.25 32.5 30.5 30.5 30.6   | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 30.8 30.8 30.8 31.9  | Mir mus 23. 22. 23. 22. 23. 22. 23. 22. 23. 25. 25. 25. 25.   |
| Mean       | 30.3  Boro  Maximum.  *C. 32 32.2 31.6 32.1 31.4 32.7 31.6 30.3 30.4 33.9 33.2 34 34.2   | 25.4  mgan.  Minimum.  °C. 23.3 22.4 23.7 22.9 24.5 23.6 25.5 23.4 22.6 23.8   | 29.9  Catba  Maximum.  *C. 31.2 31 30.3 29.4 29.2 31.6 30.5 30.5 30.5 32.1 32.3 32.8 32.8   | 24.4 llogan. Minimum.  *C. 22.5 21.5 22 22 23.2 23.2 24 27 26.9 23.7 26.9 23.5   | 30.6  Calb  Maximum.  *C. 30.5 30.8 28 29 29.5 28.6 28.1 28.9 29.4 29.9 4 29.9  | Minimum.  *C. 22.9 22.4 22.6 22.8 23.2 23.7 24.2 25.5 27.3 27.4 27.4  | Maximum.  *C. 32.6 34 31.6 30.4 30.2 30.2 30.8 31 33 32 32 32.2  | Mini-mum.  *C. 25. 2 25. 6? 24. 8 22. 4 25. 2 24. 2 24. 2 24. 2 26. 8 26. 8 26. 8   | Maximum.  *C. 32.5 32.6 33.4 33 4 33.4 28.9 7 31.8 31.4 32 32.8   | Mini-mum.  25. 2 23. 4 24. 5 23. 1 24 23. 8 25. 2 24. 4 26. 3 25. 2 26. 4  | Maxi-<br>mum.<br>31. 8<br>32<br>31. 2<br>27. 3<br>28. 4<br>30. 3<br>30. 8<br>29<br>29. 5<br>31. 3<br>31. 4<br>33<br>33. 4  | Mini-<br>mum.<br>23.5<br>22.7<br>24<br>23.8<br>22.4<br>22.8<br>23.1<br>23<br>24.4<br>24.8<br>23.8<br>23.7<br>24  | Sorso<br>Maxi-<br>mum.<br>°C.<br>32.5<br>33.2.5<br>30.5<br>30.5<br>30.5<br>30.6  | Minimum.       | Maximum.  *C. 32.8 32.8 32.8 32.8 32.8 30.1 32.8 30.8 30.8 30.8 30.8 31.8 31.8  | Mirr must see the see that see the see that see the see that see the see that see the see that see the see that see the see that see the see that s    |
| Mean       | 30.3  Boro  Maximum.  *C. 32 31.6 32.1 31.4 32.7 31.6 30.3 30.4 33.9 33.2 34 34.3  | 25. 4  Minimum.  *C. 23. 3 22. 4 22. 4 23. 7 22. 9 24. 5 23 23. 6 25. 5 23 23. 4 22. 6 23. 8 21. 9   | 29.9  Catba  Maximum.  *C. 31.2 31.3 30.3 29.4 29.2 31.6 30.5 30.5 32.1 32.3 32.8 32.8 32.8   | 24. 4 logan.  Minimum.  *C. 22. 5 21. 5 22 23. 2 23. 2 24. 27 27 26. 9 23. 7 23. 5 23  | 30. 6  Calb  Maximum.  *C. 30. 5 30. 8 30. 8 29 29. 5 28. 6 28. 1 28. 9 29. 2 29. 4 29. 9 29. 4   | Minimum.  *C. 22.9 22.4 22.6 22.8 23.7 24.2 27.3 27.4 27.4 27.3   | Maximum.  *C. 32.6 34 31.6 30.4 30.4 30.2 30.2 30.8 31 33 32 32 32.2 32.2  | Minimum.  *C. 25. 2 25. 22. 25. 6? 24. 8 22. 4. 2 24. 2 24. 2 24. 2 24. 2 24. 2 24. 2 26. 8 26. 8 26. 8 26. 2   | Maximum.  *C. 32.5 32.6 33.4 33 30.6 30.1 28.9 29.7 31.8 31.4 32 32.8   | Minimum.  *C. 25. 2 23. 4 24. 5 23. 1 24 23. 8 25. 2 24. 4 3 26. 4 26. 4 26. 4 26. 4   | Maximum.  *C. 31.8 32 27.3 31.2 27.3 30.8 29.5 31.3 30.8 29.5 31.3 33.4 32.5   | Mini-mum.  *C. 23.5 22.7 24 23.8 22.8 22.8 23.1 23.1 24.4 24.8 23.7 24.2 23.8  | Maximum.  *C. 32.5 33.5 32.5 30.5 30.6 31.8 30.7 30.9  | Minimum.       | Maximum.  *C. 32.8 32.2.3 31.3 29.8 28.3 30.8 30.8 30.8 31.9 31.8   | Mir must 23. 22. 23. 22. 23. 22. 23. 22. 25. 26. 25. 25. 25. 25. 25. 25. 25. 25. 25. 25   |
| Mean       | 30.3  Boro  Maximum.  *C. 32 32.2 31.6 32.1 31.4 32.7 31.6 30.3 30.4 33.9 33.2 34 34.2 34.3 33.7   | 25.4  mgan.  Minimum.  °C. 23.3 22.4 23.7 22.9 24.5 23.6 25.5 23 23.4 22.6 23.8 21.9 21  | 29.9  Catba  Maximum.  *C. 31.2 31.3 30.3 29.4 29.2 31.6 30.5 30.5 30.5 32.1 32.3 32.8 32.8 32.8 32.8   | 24.4 llogan.  Minimum.  *C. 22.5 21.5 22.22 23.2 23.2 24.27 26.9 28.7 26.9 28.7 26.9 28.7 28.7 28.7 28.7 28.7 28.7 28.7 28.7   | 30.6  Calb  Maximum.  °C. 30.5 30.8 28 29,29.5 28.6 28.1 28.9 29.4 29.4 29.4 29.4 29.4  | Minimum.  *C. 22.9 22.4 22.6 22.8 23.2 24.2 25.5 27.3 27.4 27.4 27.4 27.3 26.9  | Masimum.  *C. 32.6 34 31.6 30.4 31.2 30.2 2 30.8 31 33 32 32 32.2 31.4   | Mini-mum.  *C. 25. 2 25. 67 24. 8 22. 4 25. 2 24. 2 27. 4 26. 8 26. 8 26. 8 26. 2 26. 2 26. 2   | Maximum.  *C. 32.6 33.4 33 30.6 30.1 28.9 29.7 31.8 32 32 32.8 32 32.8  | Minimum.  *C. 25. 2 23. 4 23. 23. 4 24. 5 23. 1 24. 23. 8 25. 2 24. 4 26. 3 25. 2 26. 4 26. 4 26. 6  | Maximum.  •C. 31.8 32 31.2 27.3 28.4 30.3 30.8 29 29.5 31.3 31.4 33 33.4 32.5  | Minimum.  *C. 23.5 22.7 24 23.8 22.4 22.8 23.1 24.4 24.8 23.7 24.8 23.7 24.8   | Sorse<br>Maximum.<br>*C.<br>32.5<br>33<br>32.5<br>30.5<br>30.5<br>30.8<br>30.7<br>30.7<br>30.9   | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 29.8 30.8 30.8 30.8 30.8 31.9 31.8 31.8 31.5   | Mir must 23   |
| Mean       | 30.3  Boro  Maximum.  *C. 32 32.2 31.6 32.1 31.4 32.7 31.6 30.3 30.4 33.9 33.2 34 34.2 34.3 33.7   | 25.4  mgan.  Minimum.  °C. 23.3 22.4 23.7 22.9 24.5 23.6 25.5 23 23.4 22.6 23.8 21.9 21  | 29.9  Catba  Maximum.  *C. 31.2 31.3 30.3 29.4 29.2 31.6 30.5 30.5 30.5 32.1 32.3 32.8 32.8 32.8 32.8   | 24.4 llogan.  Minimum.  *C. 22.5 21.5 22.22 23.2 23.2 24.27 26.9 28.7 26.9 28.7 26.9 28.7 28.7 28.7 28.7 28.7 28.7 28.7 28.7   | 30.6  Calb  Maximum.  °C. 30.5 30.8 28 29,29.5 28.6 28.1 28.9 29.4 29.4 29.4 29.4 29.4  | Minimum.  *C. 22.9 22.4 22.6 22.8 23.2 24.2 25.5 27.3 27.4 27.4 27.4 27.3 26.9  | Masimum.  *C. 32.6 34 31.6 30.4 31.2 30.2 2 30.8 31 33 32 32 32.2 31.4   | Mini-mum.  *C. 25. 2 25. 67 24. 8 22. 4 25. 2 24. 2 27. 4 26. 8 26. 8 26. 8 26. 2 26. 2 26. 2   | Maximum.  *C. 32.6 33.4 33 30.6 30.1 28.9 29.7 31.8 32 32 32.8 32 32.8  | Minimum.  *C. 25. 2 23. 4 23. 23. 4 24. 5 23. 1 24. 23. 8 25. 2 24. 4 26. 3 25. 2 26. 4 26. 4 26. 6  | Maximum.  •C. 31.8 32 31.2 27.3 28.4 30.3 30.8 29 29.5 31.3 31.4 33 33.4 32.5  | Minimum.  *C. 23.5 22.7 24 23.8 22.4 22.8 23.1 24.4 24.8 23.7 24.8 23.7 24.8   | Sorse<br>Maximum.<br>*C.<br>32.5<br>33<br>32.5<br>30.5<br>30.5<br>30.8<br>30.7<br>30.7<br>30.9   | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 29.8 30.8 30.8 30.8 30.8 31.9 31.8 31.8 31.5   | Mir must 23. 22. 23. 22. 23. 22. 25. 25. 25. 25. 25. 25. 25. 25. 25   |
| Mean       | 30.3  Boro  Maximum.  *C. 32 31.6 32.1 31.4 32.7 31.6 30.3 30.4 33.9 33.9 33.4 34.2 34.3 33.7  | 25.4 mgan. Minimum. °C. 23.3 22.4 22.4 23.7 722.9 24.5 23 422.6 23.8 21.9 21.9 23.2  | 29.9  Catba  Maximum.  *C. 31.2 31.3 30.3 29.4 29.2 31.6 30.5 30.5 32.1 32.8 32.8 32.8 32.8 32.8 32.8   | 24. 4 logan.  Minimum.  °C. 22. 5 21. 5 22 23. 2 23. 2 24. 7 27. 23. 6 23. 7 23. 6 24. 7 22. 6   | 30. 6  Maximum.  *C. 30. 5 30. 8 30. 8 28 29 29. 5 28. 6 28. 1 28. 9 29. 2 29. 4 29. 9 29. 4 29. 7 29. 6  | Minimum.  •C. 22. 9 22. 4 22. 6 22. 8 23. 2 25. 5 27. 2 27. 3 27. 4 27. 4 27. 3 26. 9 26. 7   | Masimum.  *C. 32.6 34 31.4 30.2 30.2 30.8 31 32 32 32.2 32.1 4 32.4  | Minimum.  *C. 25. 2 25. 6? 24. 8 22. 4. 2 24. 2 27. 4 26. 8 26. 8 26. 8 26. 2 25. 5   | Rom Maximum.  *C. 32.5 32.6 33.4 33 30.6 30.1 28.9 29.7 31.8 31.4 32 32 32 32 32 32 33 32.8   | Minimum.  *C. 25. 2 23. 4 23. 4 24. 5 23. 1 24 26. 3 25. 2 26. 4 26. 5 2 26. 4 25. 6 26. 5 26. 6 26. 3   | Maximum.  *C. 31.8 32.27.3 28.4 30.3 30.8 29.5 31.3 31.4 33.4 32.5 31.2 32.3   | Minimum.  *C. 23.5 22.7 24 23.8 22.4 22.8 23.1 23 24.4 23.8 23.7 24 23.8 23.7 24 23.8 23.8 24.4 23.8 23.8 24.4 23.8 23.8 24.4 23.8 23.8 24.4 23.8 23.8 24.4 23.8 23.8 24.4 23.8 23.8 24.4 24.4 24.4 24.4 24.4 24.4 24.4 24 | Sorse Maximum.  *C. 32.5 33 32.5 30.5 30.8 30.5 30.6 31.8 30.7 30.9 30.7   | Mini-mum.      | Maximum.  *C. 32.8 32.2 31.3 29.8 28.3 30.1 30.3 30.8 31.9 31.8 31.5 31.2   | Mir mus<br>23. 22. 23. 22. 23. 24. 25. 1 25. 25. 25. 25. 24   |
| Mean       | 30.3  Boro  Maximum.  *C. 32.2 31.6 32.1 31.4 32.7 31.6 30.3 30.4 32.9 33.9 33.2 34.2 34.3 33.7 34.2 34.3 34.2 34.3 34.3 34.2 34.3 34.2 34.3   | 25.4 mgan. Minimum. °C. 23.3 22.4 22.4 22.5 23 23.6 25.5 23 23.4 22.6 23.8 21.9 21.2 22.9 22.9   | 29.9  Maximum.  *C. 31.2 31.30.3 29.4 29.2 31.6 30.5 30.5 32.1 32.3 32.8 32.5 32.2 32.3 32.7  | 24. 4  logan.  Minimum.  °C. 22. 5 21. 5 22 22. 23. 2 23. 2 24. 7 26. 9 23. 7 23. 5 24. 7 22. 6 22. 7  | 30. 6  Calb.  Maximum.  C. 30. 5 30. 8 30. 8 29 29. 5 28. 6 28. 1 28. 9 29. 4 29. 4 29. 4 29. 7 29. 6 30. 1   | Minimum.  *C. 22. 9 22. 4 22. 6 22. 8 23. 2 24. 2 25. 5 27. 2 27. 3 27. 4 27. 4 27. 4 27. 4 27. 4 27. 4 27. 5 26. 9 26. 7   | Masimum.  *C. 32.6 34 31.6 30.4 30.4 30.3 31 33 32 32.2 30.2 31.4 32.4 32.4  | Minimum.  *C. 25.2 25.6? 24.8 22.4 25.2 24.2 24.2 26.4 26.8 26.8 26.2 25.2 25.5 25.5  | Maximum.  *C. 32.5 32.6 33.4 33.4 33.6 30.6 30.1 28.9 29.7 31.8 31.4 32 32.8 32.8 32.8 32.8 33.8 32.8   | Minimum.  *C. 25. 2 23. 4 23. 23. 4 24. 5 23. 1 24. 25. 2 26. 4 26. 3 26. 2 26. 3 26. 3  | Maximum.  *C. 31.8 32.27.3 28.4 30.3 30.8 29.5 31.4 33.33.4 32.5 31.2 32.3 31.8  | Minimum.  *C. 23.5 22.7 24 23.8 23.4 22.4 23.8 23.7 24 23.8 23.7 24 23.8 23.7  | Maximum.  *C. 32.5 33 32.5 30.5 30.5 30.6  31.8 30.7 30.7 31.5 30.5  | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 29.8 28.3 30.8 30.1 30.8 30.8 31.9 31.8 31.9 31.9  | Mir musical material     |
| Mean       | 30.3  Boro  Maximum.  *C. 32 32.2 31.6 32.1 31.4 32.7 31.6 30.3 30.4 33.9 34.2 34.3 33.7 34.2 34.3 33.7 34.2 34.3  | 25.4 mgan. Minimum. °C. 23.3 22.4 22.4 23.7 22.9 24.5 23.4 22.6 23.8 21.9 21.9 22.2.9  | 29.9  Maximum.  *C. 31.2 31.30.3 29.4 29.2 31.6 30.5 30.5 32.1 32.8 32.8 32.8 32.8 32.7 33 32.7   | 24. 4 logan.  Minimum.  °C. 22. 5 21. 5 22 23. 2 23. 2 23. 2 24. 7 27. 23. 5 23. 24. 7 22. 6 22. 7 22. 6 22. 7 22. 6   | 30. 6  Maximum.  *C. 30. 5 30. 8 30. 8 29 29. 2 29. 5 28. 6 28. 1 28. 9 29. 2 29. 4 29. 9 29. 4 29. 6 30. 1   | Minimum.  •C. 22.9 22.4 22.6 22.8 23.2 24.2 25.5 27.2 27.4 27.4 27.4 27.4 27.4 27.4 27.4  | Masimum.  *C. 32.6 34 6 30.4 30.4 30.2 30.2 30.2 30.2 30.2 32.4 32.4 32.4 32.4 32.4 32.2 32.2 32   | Minimum.  *C. 25. 2 25. 67 24. 8 22. 4 25. 2 24. 2 24. 2 24. 2 24. 2 24. 2 25. 2 26. 8 26. 8 26. 8 26. 6 2 25. 5 26. 6  | Rom Maximum.  *C. 32.5 32.6 33.4 33.6 30.1 28.9 29.7 31.8 31.4 32 32.8 32.8 32.8 32.8 33.9 32.8 33.9 32.8 33.9 32.8   | Minimum.  *C. 25. 2 23. 4 24. 5 23. 1 24 26. 3 25. 2 26. 4 26. 3 26. 2 26. 3 26. 2 26. 3   | Maximum.  *C. 31.8 32 31.2 27.3 28.4 30.3 30.8 29 31.4 33.4 33.4 32.5 31.2 32.3 33.8   | Minimum.  °C. 23.5 5 22.7 24 23.8 22.4 22.8 23.1 23.4 24.4 24.8 23.8 23.7 24.4 23.8 23.7 23.8 24.7 23.8 23.7 23.8 24.7 23.8 24.7 23.8 23.7 23.8 23.7 23.8 23.7 23.8 23.7 23.8 23.8 23.7 23.8 23.7 23.8 23.8 23.8 23.8 23.8 23.8 23.8 23.8  | Maximum.  *C. 32.5 33.2.5 32.5 30.5 30.6 31.8 30.7 30.9 30.7 31.5 30.5   | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 29.8 28.3 30.8 30.8 30.8 31.9 31.9 31.5 31.2 31.9 32.4   | Mir mur<br>• C<br>23. : 22. : 23. : 22. |
| Mean       | 30.3  Boro  Maximum.  *C. 32.231.6 32.1 31.4 32.7 31.6 30.3 30.4 33.9 33.2 34.2 34.3 33.7 34.2 34.2 35.2   | 25.4 mgan. Minimum. 23.3 4 22.4 22.4 5 23 6 25.5 23 4 22.6 23.8 21.9 21. 23.2 22.9 22.9 22.9 22.9  | 29.9  Maximum.  *C. 31.2 31.3 30.3 29.4 29.2 31.6 30.5 30.5 32.1 32.8 32.8 32.8 32.7 33 32.7  | 24. 4  logan.  Minimum.  *C. 22. 5 21. 5 22 23. 2 23. 7 27 26. 9 23. 7 22. 23 24. 7 22. 23 24. 7 22. 23. 9   | 30. 6  Maximum.  *C. 30. 5 30. 8 30. 8 29 29. 5 28. 6 28. 1 28. 9 29. 2 29. 4 29. 7 29. 6 30. 1 30. 6   | *C. 22.9 22.4 222.6 22.8 23.2 24.2 25.5 27.2 27.4 27.4 27.4 27.4 27.3 26.9 26.7 25.4 26.8 25  | Masimum.  *C. 32.6 34 31.6 30.4 30.2 30.2 30.2 32.2 32.2 32.2 32.2 32.2  | Minimum.  *C. 25.25.6? 25.6? 24.8 22.4 25.4.2 24.2 24.2 26.4 26.8 26.2 25.5 26.2 25.5 26.2 25.6   | Rom Maximum.  *C. 32.5 32.6 33.4 33 30.6 30.1 28.9 29.7 31.8 31.4 32 32 33 32.8 31.9 32 33  | Minimum.  *C. 25. 2 23. 4 24. 5 23. 1 24 26. 3 25. 2 26. 4 25. 6 26. 2 26. 3 26. 3 26. 3 26. 2   | Maximum.  *C. 31.8 32.27.3 28.4 30.3 30.8 29.5 31.3 33.4 32.5 31.2 32.3 31.8 32.4 32.2 33.4  | Mini-mum.  *C. 23.5 22.7 24 22.8 22.4 22.8 23.1 23.4 24.8 23.7 24.4 23.8 23.7 24.4 23.8 23.7 24.8 23.8 23.7 23.8 24.4 23.8 23.7 23.8 23.6  | Maximum.  *C. 32.5 33 32.5 30.5 30.5 30.6  31.8 30.7 31.9 30.7 31.5 30.5 31.3  | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 29.8 28.3 30.8 30.8 31.9 31.5 31.5 31.2 32.8   | Mir mus<br>• C<br>23  |
| Mean       | 30.3  Boro  Maximum.  *C. 32 32.2 31.6 32.1 31.4 32.7 31.6 33.3 30.4 33.9 33.2 34.2 34.3 35.2 34.1 35.2 35.2 35.8  | 25.4 mgan. Minimum. °C. 23.3 22.4 22.4 23.7 22.9 24.5 23.4 22.6 22.8 21.9 21.2 22.9 22.9 22.6  | 29.9  Catba  Maximum.  *C. 31.2 31.3 30.3 29.4 29.2 31.6 30.5 30.5 30.5 32.1 32.3 32.7 33 32.7 33 32.7  | 24. 4  logan.  Minimum.  *C. 22. 5 21. 5 22. 22. 22. 22. 22. 23 26. 5 24 27 27 26. 9 23. 7 26. 9 23. 7 22. 6 22. 7 22. 2 23. 2 24. 7 25. 9 | 30. 6  Maximum.  *C. 30. 5 30. 8 30. 8 29 29. 5 28. 6 28. 9 29. 2 29. 4 29. 9 29. 4 29. 4 29. 4 29. 4 29. 4 29. 4 29. 4 29. 7 29. 6 30. 1   | Minimum.  •C. 22.9 22.4 22.6 6 22.8 23.7 24.2 25.5 5 27.2 27.4 27.4 27.4 27.4 27.3 26.9 26.7 25.4 26.8 25   | Masimum.  *C. 32.6 34 31.6 30.4 30.4 31.2 30.2 30.8 31 33 32 32.2 32.4 32.4 32.4 32.4 32.2 32.2  | Minimum.  *C. 25. 2 25. 67 24. 8 22. 4. 2 24. 2 24. 2 27. 4 26. 8 26. 8 26. 2 25. 5 25. 5 25. 6 22. 25. 5 25. 5 25. 6 27. 27  | Rom Maximum.  *C. 32.5 32.6 33.4 33.6 30.1 28.9 29.7 31.8 31.4 32 32.8 32.8 31.9 32 33 33.8 33.8  | Minimum.  *C. 25. 2 23. 4 24. 5 23. 1 24 26. 3 25. 2 26. 4 26. 3 26. 2 26. 3 26. 2 26. 3 26. 2 26. 3 26. 2 25. 4   | Maximum.  *C. 31.8 32.27.3 28.4 30.3 30.8 29 29.5 31.4 33.4 32.5 31.4 32.5 32.3 33.4 33.4 33.4 33.4 33.4 33.4 33.4   | Minimum.  *C. 23.5 22.7 24.8 22.8 22.4 23.8 24.4 24.8 23.8 24.4 23.8 24.7 24.8 23.8 23.7 24.8 23.8 23.8 23.8 23.8  | Maximum.  *C. 32.5 33.25 32.5 30.5 30.6 31.8 30.7 31.5 30.5 31.5 32.9  | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 30.8 30.8 30.8 31.8 31.9 31.9 31.9 31.9 32.8 32.8  | Mir mui 23  |
| Mean       | 30.3  Boro  Maximum.  *C. 32 31.6 32.1 31.4 32.7 31.6 30.3 30.4 33.9 33.2 34.1 34.2 34.3 33.7 34.2 34.3 33.7 35.2 36.8   | 25.4 mgan. Minimum. 23.3 22.4 22.4 5 23.6 25.5 23 4 22.6 6 23.8 21.9 21.9 22.9 22.9 22.9 22.9 22.9 22.9  | 29.9  Catba  Maximum.  *C. 31.2 30.3 29.4 29.2 31.6 30.5 32.1 32.3 32.8 32.8 32.5 32.7 33 32.7 33 32.7  | 24. 4 logan.  Minimum.  °C. 22. 5 21. 5 22 23. 2 23. 2 24. 7 27 27 28. 7 28. 7 29. 28. 7 22. 28. 9 22. 28. 9 23. 9 23. 2 22. 8   | 30. 6  Maximum.  *C. 30. 5 30. 8 30. 8 28 29. 5 28. 6 28. 1 28. 9 29. 2 29. 4 29. 9 29. 4 29. 7 29. 6 30. 1 30. 6   | *C. 22.9 9 22.4 22.6 8 23.2 23.7 7 24.2 27.3 27.4 27.4 27.3 26.9 26.7 25.4 26.8 25 26.8   | Masimum.  *C. 32.6 34 31.4 30.2 30.2 32.2 32.2 32.2 32.2 32.2 32.2   | Minimum.  *C. 25.25.6? 25.6? 24.8 22.4 25.2.2 24.2 24.2 25.5.6 26.8 26.8 26.8 26.2 25.5.5 25.6 26.2 27.7 27.2?  | Rom Maximum.  *C. 32.5 32.6 33.4 33.4 33.3 30.6 30.1 38.9 29.7 31.8 32.8 32.8 32.8 32.8 33.4 32.8 33.4 32.8   | Minimum.  *C. 25.2 23.4 23.4 24.5 23.1 24 26.3 25.2 26.4 26.3 26.2 26.3 26.2 26.3 26.2 25.4 7  | *C. 31.8 32.27.3 30.8 299.5 31.3 33.4 33.4 32.5 31.2 32.3 33.4 33.3 33.4 33.3 33.4 33.3 33.4 33.3 33.4 33.3 33.4 33.3 33.4 33.3 33.4 33.3 33.4 33.3 33.4 33.3 33.4 33.3 33.4 33.3 33.4 33.3 33.4 33.3 33.4 33.3 33.4 33.3 33.4 33.3 33.4 33.3 33.4 33.3 33.3 33.4 33.3 33.3 33.4 33.3 33. | Minimum.  *C. 23.5 22.7 24.8 22.4 22.8 22.4 22.8 23.7 24.4 23.8 23.7 24.4 23.8 23.7 24.8 23.8 23.8 23.6 23.8 23.8 23.6 23.8 24   | Maximum.  *C. 32.5 33 32.5 30.5 30.5 30.6  31.8 30.7 31.9 30.7 31.5 30.5 31.3  | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 29.8 20.8 30.1 30.8 30.8 31.9 31.5 31.2 31.9 32.8 32.8   | Mirr must 23  |
| Mean       | 30.3  Boro  Maximum.  *C. 32 32.2 31.6 32.1 31.4 32.7 31.6 33.3 30.4 33.9 33.2 34.2 34.3 35.2 34.2 34.3 35.2 36.8  | 25.4 mgan. Minimum. °C. 23.3 22.4 22.4 23.7 22.9 24.5 23.4 22.6 22.8 21.9 21.2 22.9 22.9 22.6  | 29.9  Catba  Maximum.  *C. 31.2 31.3 30.3 29.4 29.2 31.6 30.5 30.5 30.5 32.1 32.3 32.7 33 32.7 33 32.7  | 24. 4  logan.  Minimum.  *C. 22. 5 21. 5 22. 22. 22. 22. 22. 23 26. 5 24 27 27 26. 9 23. 7 26. 9 23. 7 22. 6 22. 7 22. 2 23. 2 24. 7 25. 9 | 30. 6  Maximum.  *C. 30. 5 30. 8 30. 8 28 29. 5 28. 6 28. 1 28. 9 29. 2 29. 4 29. 9 29. 4 29. 7 29. 6 30. 1 30. 6   | *C. 22.9 9 22.4 22.6 8 23.2 23.7 7 24.2 27.3 27.4 27.4 27.3 26.9 26.7 25.4 26.8 25 26.8   | Masimum.  *C. 32.6 34 31.6 4 30.4 31.2 30.2 30.2 32.2 32.2 32.2 32.2 32.2 32   | Minimum.  *C. 25.25.6? 25.6? 24.8 22.4 25.2.2 24.2 24.2 25.5.6 26.8 26.8 26.8 26.2 25.5.5 25.6 26.2 27.7 27.2?  | Rom Maximum.  *C. 32.5 32.6 33.4 33.4 33.3 30.6 30.1 38.9 29.7 31.8 32.8 32.8 32.8 32.8 33.4 32.8 33.4 32.8   | Minimum.  *C. 25.2 23.4 23.4 24.5 23.1 24 26.3 25.2 26.4 26.3 26.2 26.3 26.2 26.3 26.2 25.4 7  | Maximum.  *C. 31.8 32.27.3 28.4 30.3 30.8 29 29.5 31.4 33.4 32.5 31.4 32.5 32.3 33.4 33.4 33.4 33.4 33.4 33.4 33.4   | Minimum.  *C. 23.5 22.7 24.8 22.8 22.4 23.8 24.4 24.8 23.8 24.4 23.8 24.7 24.8 23.8 23.7 24.8 23.8 23.8 23.8 23.8  | Maximum.  *C. 32.5 33.25 32.5 30.5 30.6 31.8 30.7 31.5 30.5 31.5 32.9  | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 29.8 20.8 30.1 30.8 30.8 31.9 31.5 31.2 31.9 32.8 32.8   | • CC 23.4 22.1 23.4 22.2 23.6 22.5 25.6 25.6 25.6 25.6 25.6 25.6 25   |
| Mean       | 30.3  Boro  Maximum.  *C. 32 32.2 31.6 32.1 31.4 32.7 31.6 33.3 30.4 33.9 33.2 34.2 34.3 35.2 34.2 34.3 35.2 36.8  | 25.4  mgan.  Minimum.  °C. 23.3 22.4 22.4 22.7 23.6 23.6 23.6 23.8 21.9 22.9 22.9 22.9 22.9 22.9 22.9  | 29.9  Catba  Maximum.  Catba  31.2 31.3 30.3 29.4 31.6 30.5 30.5 32.1 32.3 32.8 32.7 33 32.7 33 32.7 33 32.7 33 32.7 33 32.7  | 24. 4  logan.  Minimum.  °C. 22. 5 22 22 23. 2 23. 2 24. 7 26. 9 23. 7 22. 6 24. 7 22. 2 23. 9 23. 2 24. 7 25. 9 26. 9   | 30. 6  Calb  Maximum.  C. 30. 5 30. 8 30. 8 28 29 528. 6 28. 1 28. 9 29. 4 29. 4 29. 4 29. 7 29. 6 30. 1 30. 6 29. 5 5  | Minimum.  *C. 22.9 22.4 22.6 22.8 23.7 24.2 25.5 27.2 24.7 27.4 27.4 27.4 27.4 27.4 26.8 26.7 26.8 25.5 27.3 27.5   | Masimum.  *C. 32.6 34 430.4 30.4 31.2 30.2 30.8 31 33 32 32.2 32.4 32.4 32.4 32.4 32.4 32.   | Minimum.  *C. 25. 2 25. 6? 24. 8 22. 4. 2 24. 2 27. 4 26. 8 26. 8 26. 2 25. 5 26. 2 25. 5 26. 2 27. 2? 27. 2? 27. 2?  | Maximum.  *C. 32.5 32.6 33.4 33.6 30.1 28.9 7 31.8 31.4 32 32 32.8 31.9 32 33 33.4 33.4 33.4 33.4 33.4 33.4 33.   | Minimum.  *C. 25. 2 23. 4 24. 24. 5 23. 1 24. 8 25. 2 24. 4 26. 3 25. 2 26. 4 26. 3 26. 2 26. 3 26. 2 26. 3 26. 2 26. 3 26. 2 26. 3 26. 2 25. 4 24. 7 25. 9  | Maximum.  *C. 31.8 32.2 27.3 28.4 30.3 30.8 29 29.5 31.4 33.4 32.2 32.3 31.4 33.4 32.5 32.6 33.1 33.4  | Mini-mum.  *C. 23.5 5 22.7 24 23.8 22.8 22.8 23.1 23 424 23.8 23.7 24.8 23.8 23.8 23.8 24.4 23.8 23.8 23.8 24.4 23.8 23.8 24.4 23.8 23.8 24.4 23.8 23.8 24.4 23.8 23.8 24.4 23.8 24.4 23.8 24.4 23.8 24.4 23.8 24.4 24.8 23.8 24.4 24.8 23.8 24.4 24.8 23.8 24.8 24.8 23.8 24.8 24.8 24.8 24.8 24.8 24.8 24.8 24   | Maximum.  *C. 32.5 33.5 32.5 30.5 30.6 30.6 31.8 30.7 30.9 31.5 30.5 31.5 31.5 31.5 31.5 31.5 31.5 31.5  | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 29.8 28.3 30.8 30.8 30.8 31.8 31.8 31.9 31.9 32.4 32.3 32.8 32.8 32.8 32.8   | Min mur • C 23  |
| Mean       | 30.3  Boro  Maximum.  *C. 32 31.6 32.1 31.4 32.7 31.6 30.3 32.4 33.9 34.2 34.3 33.7 34.2 34.3 33.7 34.2 35.2 35.8 36 36 36.2   | 25.4 mgan. Minimum. °C. 23.3 22.4 22.5 23 6 25.5 23 4 22.6 23.8 23.9 21.9 22.9 22.9 22.9 22.9 22.9 22.9 22   | 29.9  Maximum.  *C. 31.2 31.3 30.3 29.4 29.2 31.6 30.5 32.1 32.8 32.8 32.8 32.7 33 32.7 33 32.7 33 32.6 33.2 32.8   | 24. 4 logan.  Minimum.  °C. 22. 5 21. 5 22 23 26. 5 24 27 27 27 28. 7 22. 2 23 24. 7 22. 2 23. 9 23. 2 22. 8 26. 8 26. 8   | Maximum.  *C. 30.5 30.8 30.8 28 29.5 28.6 28.1 28.9 29.4 29.9 429.7 29.6 30.1 30.6 29.9 30.1 30.2 29.5  | Minimum.  •C. 92.9 922.4 422.6 22.8 23.7 24.2 25.5 5.27.2 27.4 27.4 27.4 27.4 27.4 27.5 26.8 25.5 26.8 27.5 26.8 27.5 26.8 27.5 26.8 27.5 26.8  | Masimum.  *C. 32.6 34 30.4 30.4 30.2 30.2 30.2 30.2 32.2 32.2 32.4 32.4 32.6 32.8 32.6 32.8 32.6   | Mini-mum.  *C. 25. 25. 67. 24. 8 22. 4 25. 2 24. 2 24. 2 24. 2 24. 2 26. 8 26. 8 26. 2 25. 5 6 6 2 25. 5 6 6 2 27. 27. 27. 27. 27. 27. 27. 27. 27. 2  | Rom Maximum.  *C. 32.5 32.6 33.4 33.4 33.4 32.8 32.8 32.8 33.4 33.4 33.4 33.4 33.4 33.4 33.4 33   | Minimum.  *C. 25.2 23.4 23.4 24.5 23.1 24 825.2 24.4 26.3 25.2 26.4 25.6 26.3 26.2 25.4 7 25.9 26.9 26.9 26.9 26.9 26.9 26.9 26.9 26   | Maximum.  *C. 31.8 32 27.3 28.4 30.3 30.8 29 531.3 31.4 33.4 32.5 31.2 32.3 33.4 33.4 33.4 33.3 32.6 33.1  | Minimum.  *C. 23.5 5 22.7 24 23.8 22.4 22.8 23.1 23.7 24.4 24.8 23.8 23.7 24.4 23.8 23.6 23.8 24.4 24.6  | Maximum.  *C. 32.5 33.2.5 30.5 30.5 30.6 31.8 30.7 30.9 30.7 30.9 31.7 31.5 31.3 32.9 31.7 31.5  | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 29.8 28.3 30.8 30.8 31.9 31.5 31.5 31.2 32.8 32.8 32.8 32.9 32.3   | Mir musical mu    |
| Mean       | 30. 3  Boro  Maximum.  *C. 32. 231. 6 32. 1 31. 4 32. 7 31. 6 30. 3 33. 9 33. 2 34. 2 34. 1 35. 2 35. 8 36 36. 2 36. 3   | 25.4  mgan.  Minimum.  *C. 23.3 22.4 22.4 22.5 23.6 23.5 23.2 23.6 22.9 21.2 22.9 22.6 22.4 22.7 22.1 23.2 23.6  | 29.9  Catba  Maximum.  *C. 31.2 31.3 30.3 29.4 29.2 31.6 30.5 30.5 30.5 32.1 32.3 32.8 32.7 33 32.7 33 32.7 33 32.7 33 32.7 33 32.7 33 32.8   | 24. 4  logan.  Minimum.  *C. 22. 5 21. 5 22 23. 2 23. 7 27 26. 9 23. 7 22. 23. 9 23. 2 24. 7 25. 9 26. 9 27 27 28. 9 28. 8 26. 9 28. 8 26. 9 28. 8   | 30. 6  Calb.  Maximum.  *C. 30. 5 30. 8 29 29. 5 28. 6 28. 1 28. 9 29. 2 29. 4 29. 7 29. 6 30. 1 30. 6  | *C. 22.9 22.4 222.6 22.8 23. 2 24. 2 25. 5 27. 2 27. 4 27. 4 27. 4 27. 4 26. 8 25 26. 8 27. 5 26. 8 27. 5 26. 6 27. 5 26. 6   | Masimum.  *C. 32.6 34 31.6 30.4 30.2 30.2 30.2 31.2 32.2 32.2 32.2 32.4 32.4 32.6 32.8 32.6  | Mini-mum. 25. 2 25. 6? 24. 8 22. 4 25. 2 24. 2 24. 2 24. 2 26. 8 26. 8 26. 2 25. 6 26. 2 25. 6 26. 2 25. 6 27. 27. 27. 27. 27. 27. 27. 28.  | Rom Maximum.  *C. 32.5 32.6 33.4 33.3 30.6 30.1 28.9 29.7 31.8 31.4 32.8 32.8 32.8 32.8 33.9 34.3 34.3  | Minimum.  *C. 25. 2 23. 4 24. 5 23. 1 24 26. 3 25. 2 26. 4 25. 6 26. 3 26. 2 25. 4 24. 25. 9 26. 2 26. 7 25. 9 26. 7 26. 7   | *C. 81.8 32.27.3 228.4 30.3 30.8 229.5 31.3 33.4 33.2.5 31.2 32.3 33.4 33.2.4 33.3 32.4 33.3 32.4 33.3 32.4 33.3 32.4 33.3 32.4 33.3 32.4 33.3 32.4 33.3 32.4 33.3 32.4 33.3 33.4 33.3 33.3  | Mini-mum.  • C. 28. 5 22. 7 24 23. 8 22. 4 22. 8 23. 1 23 4 24. 4 24. 8 23. 7 24. 4 24. 8 23. 7 23. 8 24. 4 24. 6 25   | Maximum.  *C. 32.5 33 32.5 30.5 30.5 30.6  31.8 30.7 31.5 31.3 32.9 31.5 31.5  | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 29.8 28.3 30.8 30.8 31.9 31.5 31.2 31.9 32.4 32.8 32.8 32.8 32.8 32.8  | Mir mui 23  |
| Mean       | 30.3  Boro  Maximum.  *C. 32 32.2 31.6 32.1 31.4 32.7 31.6 30.3 32.4 33.9 33.9 33.9 34.2 34.3 33.9 34.2 34.3 35.2 36.3 36.3 36.3 36.3 36.3 36.3 36.3   | 25.4 mgan. Minimum. °C. 23.3 22.4 23.7 22.9 24.5 23.4 22.6 23.8 21.9 21.9 22.9 22.6 22.7 22.1 22.5 24.6 25.5   | 29.9  Catba  Maximum.  *C. 31.2 31.3 30.3 29.4 29.2 31.6 30.5 32.1 32.8 32.7 33 32.7 33 32.6 33.2 32.8 33 32.8 33 32.8  | 24. 4 logan.  Minimum.  *C. 22.5 21. 5 22 23. 2 23. 2 23. 2 24. 7 27. 23. 5 23. 2 22. 8 26. 5 22. 7 22. 2 23. 9 23. 2 22. 8 26. 8 26. 5 25. 5  | Maximum.  *C. 30.5 30.8 30.8 29 29.5 28.6 28.1 28.9 29.4 29.4 29.4 29.4 29.6 30.1 30.6  | Minimum.  •C. 22.9 22.4 22.6 22.8 23.2 724.2 25.5 56.4 26.8 27.2 26.5 8 25.4 26.8 27.4 27.4 27.4 27.4 27.4 27.4 27.4 27.4   | Masimum.  *C. 32.6 34 630.4 30.4 31.2 30.2 30.8 31 32 32.2 32.4 32.4 32.4 32.6 32.8 32.6 32.8 32.6 32.8 32.6 32.8 32.8 32.8 32.8 32.8 32.8 32.8 32.8           | Minimum.  *C. 25. 2 25. 67 24. 8 22. 4 25. 2 24. 2 24. 2 24. 2 24. 2 25. 5 26. 8 26. 8 26. 8 27. 27 27. 27 27. 27 27. 27 28? 27. 27 27. 27 28. 27 27. 27 28. 27 27. 27 28. 27 27. 27 28. 27 27. 27 28. 27 27. 27 28. 27 27. 27 28. 27 27. 27 28. 27 27. 27 28. 27 27. 27 28. 27 27. 27 28. 27 27. 27 28. 27 27. 27 28. 27 27. 27 28. 27 27. 27 28. 27 27. 27 28. 27 27. 27 28. 27 27. 27 28. 27 27. 27 28. 27 27. 27 27. 27 27. 27  | Rom Maximum.  *C. 32.5 32.6 33.4 33.6 30.1 28.9 29.7 29.7 29.8 31.8 31.4 32 32.8 32.8 32.8 32.8 33.4 32.4 33.4 33.4 33.4 33.4 33.4 33.4   | blon.  Minimum.  *C. 25. 2 23. 4 24. 5 23. 4 24. 5 23. 4 26. 3 25. 2 26. 4 26. 3 26. 2 26. 2 26. 2 26. 2 26. 7 25. 9 26. 2 26. 6 6 2 26. 6 6 6   | Maximum.  *C. 31.8 32.27.3 28.4 30.8 29.5 31.4 33.4 32.5 31.2 32.3 31.8 32.6 33.1 32.4 33.4 33.4 33.4 33.4 33.4 33.4 33.4  | Minimum.  *C. 23.5 22.7 24 23.8 22.4 4 24.4 23.8 23.7 24 23.8 23.7 24 23.8 24 24.6 25.8 24 24.6 25.8   | Maximum.  *C. 32.5 33 32.5 30.5 30.6 30.6 31.8 30.7 30.9 31.7 30.9 31.7 31.5 31.3 32.9 31.7 31.5 31.7  | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 30.8 30.8 30.8 31.9 31.9 31.9 31.9 32.4 32.8 32.8 32.8 32.8 32.1 32.1  | Min mun 23, 22, 22, 22, 22, 23, 24, 25, 25, 25, 25, 25, 25, 24, 1, 25, 25, 25, 25, 25, 25, 25, 25, 25, 25   |
| Mean       | 30.3  Boro  Maximum.  *C. 32.231.6 32.231.6 33.1.4 33.9 33.4 33.9 33.4 34.3 33.7 34.1 35.2 36.3 36.8 36.8 36.3 33.8  | 25.4  Minimum.  *C. 23.3 22.4 22.4 22.4 23.7 22.9 24.5 23 23.4 22.6 23.8 21.9 21.2 22.9 22.9 22.6 22.4 22.7 22.1 23.2 23.6 23.8                            | 29.9  Catba  Maximum.  *C. 31.2 30.3 29.4 29.2 31.6 30.5 32.1 32.8 32.2 32.8 32.7 33 32.7 33 32.7 33 32.6 33.2 32.8 33.2 33.2 33.2 33.2 33.2 33.2                                     | 24. 4 logan.  Minimum.  °C. 22. 5 21. 5 22 23. 2 23. 2 24. 7 26. 9 23. 7 27 27 22. 23. 9 23. 2 24. 7 22. 6 22. 7 22. 8 26. 9 23. 8 26. 9 24. 2   | 30. 6  Calb.  Maximum.  *C. 30. 5 30. 8 29 29. 5 28. 6 28. 1 28. 9 29. 2 29. 4 29. 7 29. 6 29. 1 30. 6  | *C. 22.9 22.4 22.6 22.8 23.2 24.2 25.5 27.4 27.4 27.3 26.9 26.8 27.5 26.8 27.5 26.8 27.5 26.8 27.6 27.4 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6   | Masimum.  *C. 32.6 34 31.4 30.2 32.2 32.2 32.2 32.4 32.4 32.8 32.8 32.8 32.8 32.8 32.8 32.8 32.8   | Minimum.  *C. 25.25.6? 25.6? 24.8 22.4 2 24.2 24.2 26.8 26.8 26.8 26.2 25.5 25.6 26.2 27.2? 27.2? 27.2? 27.4? 27.2? 27.2? 27.2?   | Rom Maximum.  *C. 32.5 32.6 33.4 33.4 33.9 32.8 31.9 32.8 31.9 32.8 33.4 33.9 34.3 34.3 32.5  | Mini-mum.  *C. 25. 2 23. 4 24. 5 23. 1 24. 22. 24. 4 26. 3 26. 2 26. 4 25. 6 2 26. 3 26. 2 26. 7 25. 9 26. 7 25. 9 26. 7 25. 8   | *C. 31.8 32.27.3 228.4 30.3 30.8 229.5 31.3 31.4 32.5 31.2 32.3 32.4 33.4 33.4 33.4 33.4 33.4 33   | Minimum.  *C. 23.5 22.7 24.8 22.4 22.8 23.1 23.4 24.4 23.8 23.7 24.4 23.8 23.7 24.4 24.6 25.8 24.6 25.8 25.8   | Maximum.  *C. 32.5 33.5 32.5 30.5 30.6 31.8 30.7 31.5 30.5 30.5 30.5 30.5 31.3 32.9 31.7 31.5 31.5 31.7 31.7 31.7 31.7                               | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 29.8 20.8 30.1 30.8 30.8 31.9 31.5 31.2 31.2 31.2 32.8 32.8 32.9 32.1 31.2 31.2  | Min mur 23  |
| Mean       | 30.3  Boro  Maximum.  *C. 32 32.2 31.6 32.1 31.4 32.7 31.6 30.3 32.4 33.9 33.9 33.9 34.2 34.3 33.9 34.2 34.3 35.2 36.3 36.3 36.3 36.3 36.3 36.3 36.3   | 25.4  Minimum.  *C. 23.3 22.4 22.4 22.4 23.7 22.9 24.5 23 23.4 22.6 23.8 21.9 21.2 22.9 22.9 22.6 22.4 22.7 22.1 23.2 23.6 23.8                            | 29.9  Catba  Maximum.  *C. 31.2 31.3 30.3 29.4 29.2 31.6 30.5 32.1 32.8 32.7 33 32.7 33 32.6 33.2 32.8 33 32.8 33 32.8  | 24. 4  logan.  Minimum.  *C. 22.5 21. 5 22 23. 2 23. 2 23. 2 24. 7 27. 23. 5 23. 7 22. 6 22. 7 22. 2 23. 9 23. 8 25. 5 24. 2 26. 8 25. 5 24. 2 26. 8 25. 8 2 | 30. 6  Calb.  Maximum.  *C. 30. 5 30. 8 29 29. 5 28. 6 28. 1 28. 9 29. 2 29. 4 29. 7 29. 6 29. 1 30. 6  | *C. 22.9 22.4 22.6 22.8 23.2 24.2 25.5 27.4 27.4 27.3 26.9 26.8 27.5 26.8 27.5 26.8 27.5 26.8 27.6 27.4 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6   | Masimum.  *C. 32.6 34 630.4 30.4 31.2 30.2 30.8 31 32 32.2 32.4 32.4 32.4 32.6 32.8 32.6 32.8 32.6 32.8 32.6 32.8 32.8 32.8 32.8 32.8 32.8 32.8 32.8           | Minimum.  *C. 25. 2 25. 67 24. 8 22. 4. 2 25. 2 27. 4 26. 8 26. 2 27. 4 26. 8 26. 2 27. 27. 27 27. 27 27. 27 27. 27 28. 27 27. 27 28. 27 27. 27 28. 27 28. 27 28. 27 28. 27 28. 27 28. 27 28. 28 28 28. 28 28 28. 28 28 28 28 28 28 28 28 28 28 28 28 28 2 | Rom Maximum.  *C. 32.5 32.6 33.4 33.4 33.9 32.8 31.9 32.8 31.9 32.8 33.4 33.9 34.3 34.3 32.5  | Minimum.  25. 2 23. 4 24. 5 23. 1 24 26. 3 25. 2 26. 4 26. 3 26. 2 26. 4 24. 7 25. 6 26. 2 26. 7 25. 9 26. 2 26. 7 25. 3 26. 2 26. 7 25. 3 26. 2 26. 7 25. 3 26. 2 26. 7 25. 3 26. 2 26. 7 25. 3 26. 2 26. 7 25. 3 26. 2 26. 7 25. 3 24.   | Maximum.  *C. 31.8 32.27.3 28.4 30.8 29.5 31.4 33.4 32.5 31.2 32.3 31.8 32.6 33.1 32.4 33.4 33.4 33.4 33.4 33.4 33.4 33.4  | Minimum.  *C. 23.5 22.7 24 23.8 22.4 4 24.4 23.8 23.7 24 23.8 23.7 24 23.8 24 24.6 25.8 24 24.6 25.8   | Maximum.  *C. 32.5 33 32.5 30.5 30.6 30.6 31.8 30.7 30.9 31.7 30.9 31.7 31.5 31.3 32.9 31.7 31.5 31.7  | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 29.8 20.8 30.1 30.8 30.8 31.9 31.5 31.2 31.2 31.2 32.8 32.8 32.9 32.1 31.2 31.2  | Min mur 23  |
| Mean       | 30. 3  Boro  Maximum.  *C. 32 32. 2 31. 6 32. 1 31. 4 32. 7 31. 6 32. 3 30. 4 33. 9 33. 2 34. 2 34. 3 35. 2 36. 3 37. 3 38. 3  | 25.4  Minimum.  *C. 23.3 22.4 22.4 22.7 22.9 23.6 25.5 23.4 22.6 23.8 21.9 22.9 22.9 22.6 22.7 22.7 22.7 22.5 24.1 24.1                                    | 29.9  Catba  Maximum.  C. 31.2 31.30.3 329.4 29.2 31.6 30.5 30.5 30.5 32.1 32.3 32.7 33.7 33.7 33.7 33.7 33.6 33.6 33.6 33  | 24. 4  logan.  Minimum.  *C. 22.5 21. 5 22 23. 2 23. 2 23. 2 24. 7 27. 23. 5 23. 7 22. 6 22. 7 22. 2 23. 9 23. 8 25. 5 24. 2 26. 8 25. 5 24. 2 26. 8 25. 8 2 | 30. 6  Maximum.  *C. 30. 5 30. 8 30. 8 29 29. 5 28. 6 28. 9 29. 9 29. 4 29. 9 29. 4 29. 9 30. 1 30. 6 29. 9 30. 1 29. 2 29. 2 29. 3 20. 3 20. 3 20. 5 20. 1 20. 2 20. 3 20. 5 20. 3 20. 3 20. 5 20. 3 20. 5 20. 3 20. 5 | Minimum.  •C. 22.9 22.4 22.6 6 22.8 23.7 24.2 25.5 27.3 27.4 27.4 27.4 27.4 27.3 26.9 26.7 25.4 26.8 27.5 26.6 6 27.6 27.6 6 27.6 6 27.6 27.6 27.   | Masimum.  *C. 32.6 34 31.6 30.4 31.2 30.2 30.8 31 33 32 32.2 32.4 32.4 32.6 32.8 32.6 32.8 32.8 32.8 30.4  | Minimum.  *C. 25. 2 25. 67 24. 8 22. 4. 2 25. 2 27. 4 26. 8 26. 2 27. 4 26. 8 26. 2 27. 27. 27 27. 27 27. 27 27. 27 28. 27 27. 27 28. 27 27. 27 28. 27 28. 27 28. 27 28. 27 28. 27 28. 27 28. 28 28 28. 28 28 28. 28 28 28 28 28 28 28 28 28 28 28 28 28 2 | Rom Maximum.  *C. 32.5 32.6 33.4 33.6 30.1 28.9 29.7 31.8 31.4 32 32 32 33 32.8 31.9 32.8 33.4 32.4 33.9 34.3 34.3 32.5 32.8  | Minimum.  25. 2 23. 4 24. 5 23. 1 24 26. 3 25. 2 26. 4 26. 3 26. 2 26. 4 24. 7 25. 6 26. 2 26. 7 25. 9 26. 2 26. 7 25. 3 26. 2 26. 7 25. 3 26. 2 26. 7 25. 3 26. 2 26. 7 25. 3 26. 2 26. 7 25. 3 26. 2 26. 7 25. 3 26. 2 26. 7 25. 3 24.   | Maximum.  *C. 31.8 32.27.3 28.4 30.3 30.8 29.5 31.4 33.4 32.2 32.3 31.4 33.4 32.2 32.3 31.4 33.4 32.9 32.9 33.4 33.9 32.9  | Minimum.  *C. 23.5 22.7 24.8 22.8 23.1 23.2 24.4 24.2 23.8 23.7 24.2 23.8 24.4 24.6 25.8 24.6 25.4 24.6 25.4 24.6  | Maximum.  *C. 32.5 33.5 32.5 30.5 30.6 30.6 31.8 30.7 31.5 31.7 31.5 31.7 31.7 31.7 31.7   | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 30.8 30.8 30.8 31.8 31.9 31.9 31.8 31.5 31.2 31.9 32.8 32.8 32.8 32.8 32.8   | **C 23. 4 22. 5 25    |
| Mean       | 30.3  Boro  Maximum.  *C. 32 31.6 32.2 31.6 30.3 32.7 31.6 30.3 33.9 33.9 33.9 33.1 34.2 34.3 33.7 34.2 35.2 36.3 36.6 36.3 36.6 36.3 36.3 36.3 36   | 25.4  Minimum.  *C. 23.3 22.4 22.4 22.7 22.9 24.5 23.4 22.6 23.8 23.4 22.6 23.2 22.9 21.9 22.9 22.9 22.9 22.9 22.1 23.2 22.9 22.1 22.5 24.6 25.5 24.6 25.2 | 29.9  Maximum.  *C. 31.2 31.3 30.3 29.4 29.2 31.6 30.5 32.1 32.8 32.8 32.8 32.7 33 32.7 33 32.7 33 32.6 33.2 32.8 33.3 32.7 33 32.7 33 32.6 33.2 33.8                                 | 24. 4 logan.  Minimum.  *C. 521.5 221.5 222.23.2 23.7 27.27 27.22.23.5 24.7 27.22.23.9 23.22.39 23.22.8 26.9 23.8 26.9 26.8 26.9 26.8 26.8 26.8 26.8 26.8 26.8   | 30. 6  Maximum.  *C. 30. 5 30. 8 30. 8 29 29. 5 28. 6 28. 1 28. 9 29. 2 29. 4 29. 7 29. 6 30. 1 30. 6 30. 1 30. 29. 5 30. 1 30. 29. 5 30. 1 30. 29. 5 30. 1 30. 29. 5 30. 1 30. 30. 6   | *C. 22.9 22.4 22.6 22.8 23.7 24.2 25.5 5 27.2 27.4 27.4 27.4 27.3 26.9 26.8 27.5 26.8 27.5 26.8 27.4 27.4 27.4 27.5 26.8 27.4 27.4 27.4 27.5 26.8 27.5 26.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27 | Masimum.  *C. 32.6 34 31.2 30.2 30.2 30.8 31 32 32.2 32.4 32.4 32.4 32.4 32.8 32.6 32.8 32.6 32.8 32.6 32.8 30.8 30.4 30.8                                     | Minimum.  *C. 25. 25. 6? 24. 8 22. 4 25. 2 24. 2 24. 2 24. 2 24. 2 26. 8 26. 8 26. 2 25. 5 25. 6 22 25. 8 27. 2? 27. 4? 27. 2? 27. 2? 27. 2? 27. 2? 27. 2? 26. 6 2 26. 6  | Rom Maximum.  *C. 32.5 32.6 33.4 33 30.6 33.1 28.9 29.7 31.8 31.4 32 32 32 32 33 32.8 31.9 32 33 33.4 32.5 33.4 33.5 33.4 33.5 33.8 33.8 33.8 33.8 33.8 33.8 33.8                             | Minimum.  *C. 25. 2 23. 4 24. 5 23. 1 24 8 25. 2 24. 4 26. 3 25. 2 26. 4 25. 6 2 26. 3 26. 2 25. 4 7 25. 9 26. 6 7 26. | *C. 31.8 32 27.3 28.4 30.3 30.8 29 5 31.3 4 32.5 31.2 32.3 32.6 33.1 8 32.6 33.1 8 32.9 32.9 32.9 32.9 32.9 32.9 32.9 32.9   | Minimum.  *C. 23.5 5 22.7 24 23.8 22.4 22.8 23.1 23 24.4 24.8 23.7 24.8 23.8 24.4 24.6 25.4 8 25.4 24.6 25.8 25.4 23.8   | Maximum.  *C. 5 33 32.5 33.5 32.5 30.5 30.6 30.5 30.6 31.8 30.7 31.5 31.5 31.5 31.7 31.5 31.5 31.5 31.5 31.5 31.5 31.5 31.5                          | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 29.8 30.8 30.8 30.8 31.9 31.5 31.2 31.2 32.4 32.3 32.8 32.9 32.4 32.3 32.8 32.9 32.4 32.3  | Min mur  • C 23. 4 23. 2 23. 6 25. 6    |
| Mean       | 30. 3  Boro  Maximum.  *C. 32. 231. 6 32. 1 31. 4 32. 7 31. 6 30. 3 33. 9 33. 2 34. 1 35. 2 35. 8 36 36. 2 36. 3 34. 6 33. 8 34. 6 35. 2 35. 8 36. 2 36. 2 37. 8 38. 8 | 25.4  Minimum.  *C. 23.3 22.4 22.4 22.7 22.9 22.6 23.8 21.9 22.6 22.2 22.9 22.6 22.6 22.6 23.8 21.9 22.6 23.8 21.9 22.6 23.8 21.9 22.6 23.8 21.9 22.1      | 29.9  Maximum.  Catba  Maximum.  C. 31.2 31.3 30.3 329.4 29.2 31.6 30.5 30.5 30.5 32.1 32.3 32.7 33.3 32.7 33.3 32.7 33.3 32.7 33.3 32.7 33.3 32.7 33.3 32.7 33.3 33.7 33.6 33.6 33.7 | 24. 4  logan.  Minimum.  *C. 22. 5 21. 5 22 23. 2 24. 27 26. 9 23. 5 24. 7 22. 6 22. 2 23. 9 23. 9 23. 8 24. 7 22. 8 24. 7 22. 8 24. 7 22. 8 24. 7 22. 8 24. 7 22. 8 24. 7 22. 8 24. 7 22. 8 24. 7 22. 8 24. 7 22. 8 24. 7 22. 8 24. 7 22. 8 24. 7 22. 8 24. 7 23. 8   | 30. 6  Calb.  Maximum.  *C. 30. 5 30. 8 30. 8 29 29. 5 28. 6 28. 1 28. 9 29. 2 29. 4 29. 7 29. 6 30. 1 30. 6 30. 1 30. 9 30. 1 30. 9  | Minimum.  *C. 22.9 22.4 22.6 22.8 23.7 24.2 25.5 27.2 24.7 27.4 27.4 27.4 27.4 27.6 26.8 25.5 26.6 27.6 27.6 26.6 27.6 27.6 27.6 26.6 27.6 27   | Masimum.  *C. 32.6 34 6 30.4 30.4 30.2 30.8 31 33 32 32.2 32.4 32.4 32.4 32.6 32.8 32.6 32.8 32.8 32.8 32.8 32.8 32.8 32.8 32.8                                | Minimum.  *C. 25. 2 25. 6? 24. 8 22. 4. 2 24. 2 27. 4 26. 8 26. 2 25. 5 26. 2 25. 5 26. 2 27. 2? 27. 4? 27. 2? 27. 2? 27. 27. 2? 27. 27. 27 27. 27 27. 27 27. 28 26. 6 26. 2 26. 2 26. 2 26. 6  | Maximum.  *C. 32.5 32.6 33.4 33.6 30.1 28.9 7 31.8 32.8 32.8 33.3 32.8 33.4 32.5 32.8 33.4 33.5 32.8 33.4 33.5 32.8 33.4 33.5 32.8 33.8 33.8 33.8 33.8 33.8 33.8 33.8                         | Minimum.  25. 2 23. 4 24. 24. 8 25. 2 24. 4 26. 3 25. 2 26. 4 26. 3 26. 2 26. 3  | Maximum.  *C. 31.8 32.27.3 28.4 30.3 30.8 29 29.5 31.4 33.4 33.4 32.2 33.4 33.3 31.4 32.4 33.3 32.6 33.1 32.4 33.9 33.6 33.1 32.4 33.9 33.6  | Mini-mum.  *C. 23.5 22.7 24.8 22.8 23.1 23.8 24.4 24.23.8 23.7 24.8 23.8 24.4 24.6 25.24.8 25.4 24.6 25.24.8 25.4 26.8 27.8 28.8 28.8 28.8 28.8 28.8 28.8 28   | Maximum.  *C. 32.5 33.5 32.5 30.5 30.6 30.6 31.8 30.7 30.9 31.5 31.5 31.5 31.7 31.7 31.7 31.7 31.7 31.9 31.7 31.9 31.7 31.9 31.7 31.9 31.7 31.9 31.9 | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 29.8 28.3 29.8 30.1 30.8 30.8 31.8 31.9 31.9 32.4 32.3 32.8 32.8 32.8 32.8 32.8 32.9 32.9 32.9 32.1 31.2 31.2 31.2 31.2 31.2 31.2 31.2 | Min mur 23, 4, 22, 3, 4, 22, 4, 5, 25, 5, 25, 25, 25, 25, 25, 25, 25,   |
| Mean       | 30.3  Boro  Maximum.  *C. 32 31.6 32.1 31.4 33.9 33.9 34.2 34.3 33.7 34.2 34.3 33.7 34.2 35.2 35.8 36 36.2 36.3 36.3 36.3 37 38.3 38.3   | 25.4 mgan. Minimum. °C. 23.3 22.4 22.5 23.4 22.6 25.5 23.4 22.6 23.8 21.9 22.9 22.6 22.4 1 24.6 22.7 22.1 22.5 24.1 24.23 23 23.8                          | 29.9  Maximum.  *C. 31.2 31.3 30.3 29.4 29.2 31.6 30.5 32.1 30.5 32.2 31.2 31.6 30.5 32.1 32.8 32.8 32.8 32.8 32.8 32.8 32.8 32.8   | 24. 4 logan.  Minimum.  °C. 22. 5 22. 23. 2 26. 5 24. 7 27. 23. 5 23. 7 22. 6 22. 7 22. 23. 9 23. 8 26. 5 24. 7 22. 24. 7 22. 25. 5 24. 2 26. 7 27. 23. 9 23. 8 26. 5 24. 2 26. 8 26 | Maximum.  *C. 30.5 30.8 30.8 28 29.5 28.6 28.9 29.2 29.4 29.7 30.6 29.9 30.1 30.9 29.5 30.1 30.9 29.3 30.6  | Minimum.  •C. 92.9 22.4 22.6 22.8 23.2 724.2 25.5 5.27.2 25.5 5.4 26.8 27.4 27.4 27.4 27.4 27.4 27.4 27.4 27.4  | Masimum.  *C. 32.6 34 630.4 30.4 31.2 30.2 30.8 31 32 32.2 32.4 32.4 32.4 32.6 32.8 32.6 32.8 32.6 32.8 32.6 32.8 32.6 32.8 32.8 32.8 32.8 32.8 32.8 32.8 32.8 | Minimum.  *C. 25. 2 25. 67 24. 8 22. 4 25. 2 24. 2 24. 2 24. 2 24. 2 25. 5 26. 8 26. 8 27. 27 27. 27 27. 27 27. 27 27. 27 27. 27 27. 27 27. 27 287 27. 27 286. 6 26. 6 26. 6 26. 6  | Rom Maximum.  *C. 32.5 32.6 33.4 33.4 33.1 4 32.8 32.8 32.8 31.9 32.8 32.8 32.8 32.8 32.8 32.8 32.8 33.4 33.4 33.5 32.8 33.4 33.5 32.8 33.3 34.8 32.5 32.8 33.8 33.8 33.8 33.8 33.8 33.8 33.8 | Minimum.  *C. 25. 2 23. 4 24. 5 23. 1 24 8 25. 2 24. 4 26. 3 25. 2 26. 4 25. 6 2 26. 3 26. 2 25. 4 26. 7 25. 9 26. 7 26. 8 23. 8 6 22. 8 23. 8 23. 8 23. 8   | Maximum.  *C. 31.8 32 27.3 28.4 30.8 29 29.5 31.4 33.4 32.5 31.2 32.3 31.8 32.6 33.1 32.4 33.3 32.6 33.1 32.4 33.3 33.4 33.3 32.6 33.1 32.3 33.4 33.3 33.4 33.3 33.4 33.3 33.4 33.3 33.4 33.3 33.3 33.4 33.3 33.3 33.4 33.3 3 | Minimum.  *C. 23.5 5 22.7 24 23.8 22.4 22.8 23.1 23.4 24.4 24.8 23.8 23.7 23.8 24.4 24.6 25.2 24.8 22.4 23.8 22.3 8 24.8 24.6 25.8 24.8 25.4 24.6 25.8 25.4 24.6 25.8 25.4 24.6 25.8 25.4 25.8 25.4 25.8 25.8 25.8 25.8 25.8 25.8 25.8 25.8  | Maximum.  *C. 32.5 33.2.5 30.5 30.6 30.6 31.8 30.7 30.9 30.7 31.5 31.3 32.9 31.7 31.5 31.7 31.5 31.7 31.5 31.7 31.5 31.7 31.6                        | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 29.8 30.8 30.8 30.8 31.9 31.5 31.2 31.2 32.3 32.8 32.8 32.9 32.1 32.1 32.1 32.1 32.1 32.2  | Min mur<br>• C 23.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.  |
| Mean       | 30. 3  Boro  Maximum.  *C. 32. 231. 6 32. 1 31. 4 32. 7 31. 6 30. 3 33. 9 33. 2 34. 1 35. 2 35. 8 36 36. 2 36. 3 34. 6 33. 8 34. 6 35. 2 35. 8 36. 2 36. 2 37. 8 38. 8 | 25.4  Minimum.  *C. 23.3 22.4 22.4 22.7 22.9 22.6 23.8 21.9 22.6 22.2 22.9 22.6 22.6 22.6 23.8 21.9 22.6 23.8 21.9 22.6 23.8 21.9 22.6 23.8 21.9 22.1      | 29.9  Maximum.  Catba  Maximum.  C. 31.2 31.3 30.3 329.4 29.2 31.6 30.5 30.5 30.5 32.1 32.3 32.7 33.3 32.7 33.3 32.7 33.3 32.7 33.3 32.7 33.3 32.7 33.3 32.7 33.3 33.7 33.6 33.6 33.7 | 24. 4  logan.  Minimum.  *C. 22. 5 21. 5 22 23. 2 24. 27 26. 9 23. 5 24. 7 22. 6 22. 2 23. 9 23. 9 23. 8 24. 7 22. 8 24. 7 22. 8 24. 7 22. 8 24. 7 22. 8 24. 7 22. 8 24. 7 22. 8 24. 7 22. 8 24. 7 22. 8 24. 7 22. 8 24. 7 22. 8 24. 7 22. 8 24. 7 22. 8 24. 7 23. 8   | 30. 6  Calb.  Maximum.  *C. 30. 5 30. 8 30. 8 29 29. 5 28. 6 28. 1 28. 9 29. 2 29. 4 29. 7 29. 6 30. 1 30. 6 30. 1 30. 9 30. 1 30. 9  | Minimum.  *C. 22.9 22.4 22.6 22.8 23.7 24.2 25.5 27.2 24.7 27.4 27.4 27.4 27.4 27.6 26.8 25.5 26.6 27.6 27.6 26.6 27.6 27.6 27.6 26.6 27.6 27   | Masimum.  *C. 32.6 34 6 30.4 30.4 30.2 30.8 31 33 32 32.2 32.4 32.4 32.4 32.6 32.8 32.6 32.8 32.8 32.8 32.8 32.8 32.8 32.8 32.8                                | Minimum.  *C. 25. 2 25. 6? 24. 8 22. 4. 2 24. 2 27. 4 26. 8 26. 2 25. 5 26. 2 25. 5 26. 2 27. 2? 27. 4? 27. 2? 27. 2? 27. 27. 2? 27. 27. 27 27. 27 27. 27 27. 28 26. 6 26. 2 26. 2 26. 2 26. 6  | Maximum.  *C. 32.5 32.6 33.4 33.6 30.1 28.9 7 31.8 32.8 32.8 33.3 32.8 33.4 32.5 32.8 33.4 33.5 32.8 33.4 33.5 32.8 33.4 33.5 32.8 33.8 33.8 33.8 33.8 33.8 33.8 33.8                         | Minimum.  25. 2 23. 4 24. 24. 8 25. 2 24. 4 26. 3 25. 2 26. 4 26. 3 26. 2 26. 3  | Maximum.  *C. 31.8 32.27.3 28.4 30.3 30.8 29 29.5 31.4 33.4 33.4 32.2 33.4 33.3 31.4 32.4 33.3 32.6 33.1 32.4 33.9 33.6 33.1 32.4 33.9 33.6  | Mini-mum.  *C. 23.5 22.7 24.8 22.8 23.1 23.8 24.4 24.23.8 23.7 24.8 23.8 24.4 24.6 25.24.8 25.4 24.6 25.24.8 25.4 26.8 27.8 28.8 28.8 28.8 28.8 28.8 28.8 28   | Maximum.  *C. 32.5 33.5 32.5 30.5 30.6 30.6 31.8 30.7 30.9 31.5 31.5 31.5 31.7 31.7 31.7 31.7 31.7 31.9 31.7 31.9 31.7 31.9 31.7 31.9 31.7 31.9 31.9 | Minimum.       | Maximum.  *C. 32.8 32.2 31.3 29.8 28.3 29.8 30.1 30.8 30.8 31.8 31.9 31.9 32.4 32.3 32.8 32.8 32.8 32.8 32.8 32.9 32.9 32.9 32.1 31.2 31.2 31.2 31.2 31.2 31.2 31.2 | Min mur 23  |

Maximum and minimum temperatures at the stations of the Weather Bureau, July, 1918—Continued.

| Day. | Maxi-  |  |   |   | ١.  |   |   |   |   | ena.  | Atim  |  | Tana  | auan.  | Care   | ımba.   |
|------|--|--|---|---|---|---|---|---|---|---|---|--|---|--|--|---|
|      | mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Min   |
| 1    | °C. 33. 5 33. 4 32. 6 33 31. 8 32. 5 31 29 29  | °C. 23.1 22.2 22.5 22.1 24 22.5 22.5 23.5  | °C.<br>32.2<br>32.6<br>33.8<br>29<br>29.5<br>31.5<br>31   | °C. 21.7 21.1 21 22.1 21.3 21.4 21.6 21.9 22.3  | °C. 33.5 34.6 33.1 33.1 28.8 31.8 31.4 32.5 31.9  | °C. 21.9 20.5 20.6 21.9 20.6 21.6 22.8 22.9 22.4?   | °C. 33. 1 33. 1 32. 5 29. 4 28. 1 29. 8 30. 2 31. 1 30. 3   | °C. 21 22. 1 19. 9? 22. 3 21. 6 23. 2 23. 9 23. 8 24. 6   | °C. 30 31 31.7 30.9 28 30.2 30.5 27.7 28.5  | °C. 23. 4 23. 1 22. 4 22. 2 23. 6 23. 5 22 24 24. 2   | °C. 31.7 33 33.3 31.1 27.8 31 31.5 29.8 30.1  | °C. 24.8 23.3 23.1 22.8 23.8 23.4 23.1 24.4  | °C. 32 32.3 32 30.1 29.1 28.9 29 27.3   | °C. 24 23. 4 23. 8 23. 8 23. 8 24. 2 24. 2 24. 1   | °C.<br>32<br>32.6<br>31.8<br>31<br>28.6<br>29.4<br>30.6<br>29.2<br>26.5  | °C<br>22. 8<br>21. 4<br>22. 2<br>22. 4<br>22. 4<br>22. 6<br>23<br>22. 4   |
| 0    | 29. 5<br>32<br>33. 5<br>33. 5<br>34. 1<br>33. 5<br>34<br>34  | 23<br>23.5<br>23.5<br>23.4<br>24<br>22.3<br>24<br>23<br>22.6<br>22.6   | 30<br>32<br>33. 6<br>33. 8<br>33. 5<br>32. 2<br>32. 8<br>33. 5<br>33. 5<br>35. 35   | 22. 2<br>22. 4<br>22<br>22. 5<br>22. 6<br>23<br>22. 7<br>22. 5<br>22<br>22<br>21. 8   | 29.8<br>31.6<br>32.1<br>32<br>31.9<br>31.1<br>31.7<br>31.9<br>32.6<br>32.6  | 22. 7? 22. 6 24. 2 24. 2 23. 9 23. 8 23. 2 23 22. 8 22. 8 21. 7   | 30<br>31.1<br>31.1<br>30.8<br>30.4<br>30.9<br>31.4<br>31<br>31.6<br>31.6  | 23.8<br>23.4<br>25.3<br>25.1<br>24.9<br>25<br>24.7<br>25.3<br>25.1<br>24.5  | 27<br>26. 5<br>31. 7<br>32<br>31. 5<br>30. 9<br>31. 5<br>30. 9<br>32. 9<br>33. 33   | 23. 4<br>23. 1<br>25. 2<br>25<br>25. 8<br>25. 4<br>24. 4<br>25<br>24. 2<br>25<br>24. 5                        | 27. 1<br>29. 6<br>32. 8<br>32. 2<br>31. 5<br>31. 7<br>32. 3<br>33. 2<br>32. 6<br>33. 1<br>32. 6                         | 24. 2<br>23. 8<br>23. 3<br>25<br>26. 8<br>26. 4<br>25. 8<br>26. 1<br>26. 2<br>26. 1  | 27. 4<br>28. 5<br>29. 8<br>29. 6<br>28. 4<br>28. 2<br>29. 6<br>29. 5<br>30<br>30. 2   | 24. 2<br>25. 5<br>26<br>25. 1<br>25. 7<br>24. 4<br>26. 6<br>26. 6<br>25. 7<br>26. 2<br>26. 5   | 28. 8<br>30. 4<br>31. 6<br>32. 2<br>30. 8<br>30. 4<br>32. 6<br>32. 2<br>32. 1<br>32. 8<br>33. 1  | 22.<br>22.<br>23.<br>22.<br>23.<br>23.<br>24.<br>23.<br>23.<br>23.<br>23.<br>23.<br>23.<br>23.<br>23.<br>23.<br>23  |
| 1    | 33. 5<br>33. 6<br>33. 9<br>35<br>34<br>33. 5<br>33. 5<br>31. 6<br>28<br>30. 5<br>32. 1                 | 22. 1<br>22. 5<br>22. 5<br>22. 5<br>23. 5<br>23. 9<br>23. 2<br>23<br>23<br>23<br>21. 5   | 35<br>34.5<br>35.5<br>30.4<br>32.5<br>32<br>30.5<br>32.6<br>33.3<br>33.2<br>32.7  | 22<br>21. 7<br>23. 1<br>22. 1<br>22. 3<br>23. 2<br>22. 4<br>22. 3<br>22. 3<br>22. 9<br>22. 1  | 32. 8<br>33. 4<br>34<br>33. 2<br>31<br>30. 5<br>30. 4<br>33. 6<br>33. 5<br>35. 4                                  | 22. 3<br>22. 1<br>23. 6<br>22. 6<br>23. 3<br>22. 9<br>23<br>22. 5<br>21. 4<br>22. 2<br>20. 5  | 31. 5<br>31. 7<br>31. 8<br>31. 7<br>30. 5<br>29. 3<br>29. 9<br>31. 5<br>30. 6<br>33   | 24. 9<br>24. 8<br>24. 7<br>24. 7<br>24. 7<br>24. 1<br>23. 9<br>23. 5<br>22. 7<br>22. 2<br>21. 2   | 33<br>32.8<br>32.9<br>32.7<br>30.9<br>31<br>28.8<br>26.7<br>28.5<br>32  | 24.9<br>24.9<br>25.6<br>25.9<br>26.2<br>24.4<br>23.9<br>23.6<br>23.7<br>24.5                                  | 33. 4<br>33. 7<br>34. 5<br>34. 5<br>32. 6<br>28. 9<br>28. 1<br>29. 9<br>32. 7<br>33. 6                                  | 25. 2<br>26. 7<br>26. 7<br>26. 2<br>24. 5<br>24. 7<br>23. 3<br>24. 6<br>25<br>24. 5<br>23. 2   | 30. 4<br>29. 3<br>31. 2<br>30. 8<br>30. 7<br>29. 1<br>27. 3<br>25. 2<br>30. 2<br>33. 4<br>32. 3   | 26. 4<br>26. 7<br>25. 2<br>26. 4<br>24. 2<br>23. 6<br>24<br>23. 2<br>23. 5   | 33<br>33. 2<br>32. 2<br>32. 6<br>32. 8<br>30. 9<br>29<br>25. 6<br>32<br>32. 4  | 22. 3<br>22. 3<br>22. 3<br>24. 3<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5 |
| Mean | 32. 5  | 22.9   | 32. 6   | 22.1  | 32.3  | 22.5  | 30.8  | 23. 6   | 30.7  | 24.2  | 31.7  | 24.8   | 29.6  | 24.7   | 31.1   | 22.8  |
|      | Para   | cale.  | Santa<br>Lag  |   | Maı   | nila.   | Anti  | polo.   | Ik  | a.  | San I   | sidro.   | Tar   | lac.   | Ba   | ler.  |
| Day. | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Min<br>mur  |
| 1    | °C. 33.8 31.8 329.6 26.2 31.8 32 31.8 32.8 33.8 33.8 33.8 33.7 33.8 33.8 33.7 33.8 33.7 33.8 33.7 33.8 | 24. 3<br>23. 2<br>23. 2<br>23. 2<br>24. 2<br>24. 2<br>25. 5<br>26. 5<br>25. 5<br>24. 9<br>24. 6<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 25 | °C. 33.5 33.9 33.1 32.4 29.16 31.3 29.8 26.8 26.9 32.1 30.8 29.9 32.1 30.8 29.9 32.5 32.5 32.5 32.5 32.7 31.6 33.3 33.2 33.2 33.3 33.2 33.3 | °C. 23. 2 22. 9 23. 5 22. 6 23. 5 24 23. 1 24. 9 23. 8 24 22. 4 2 23. 8 22. 24. 7 24. 7 | °C. 33 32.2 33.2.2 31.1 29.1 30.1 26.1 27.4 31.2 31.3 31.1 31.4 30.3 31.4 30.3 31.5 31.4 30.3 31.5 31.4 30.3 31.5 | 23. 6<br>23. 7<br>23. 5<br>24. 25<br>24. 25<br>24. 25<br>24. 6<br>24. 6<br>24. 6<br>25. 6<br>26. 4<br>27. 25<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8 | *C. 4 33. 5 30. 2 27. 8 29. 6 24. 5 25. 6 27. 7 28. 5 29. 7 27. 6 29. 7 30. 2 29. 2 29. 2 29. 2 29. 2 30. 2 30. 2 30. 2 30. 2 30. 2 30. 2 30. 2 30. 2 30. 2 30. 2 30. 2 30. 2 30. 2 30. 3 30. 2 30. 3 | °C. 8 22. 8 22. 6 23. 3 20. 9 21 22 22 22 22 22 22 23 23 23 23. 5 23. 8 22. 7 23. 8 22. 7 23. 8 22. 7 23. 8 22. 7 23. 8 22. 7 23. 8 23. 8 22. 7 23. 8 | °C. 29, 9 31, 1 31, 9 30, 8 30, 8 30, 8 28, 5 27, 1 27, 1 29, 5 29, 9 30, 4 31, 4 31, 4 31, 4 31, 4 31, 5 28, 8 28, 4 26, 1 25, 5 32, 3 31, 7 | °C. 23. 2 24. 4 23. 2 22. 5 22. 3 23. 9 8 24. 8 25. 7 24. 5 25. 4 25. 2 22. 2 22. 2 22. 2 22. 2 22. 1 5 24. 3 | °C. 31.6 33, 5 31.1 28.1 26.5 29.4 30.3 27.5 24.5 27.9 27.9 27.1 30.5 30.5 30.8 31.5 30.4 28.1 30.6 30.7 27.4 29.3 30.6 | °C. 6 24. 2 21. 5 22. 6 23. 6 23. 6 23. 6 23. 6 23. 6 23. 6 23. 6 23. 7 24. 8 24. 4 25. 4 25. 25 24. 9 22. 7 24. 5 23. 6 23. 4 23. 6 23. 6 23. 4 23. 6 23. 6 23. 4 23. 6 | °C. 4 34. 2 35. 4 34. 2 35. 5 32. 4 29. 8 31. 2 28. 6 24. 6 30. 2 31. 8 32. 2 31. 8 30. 2 31. 8 31. 8 32. 2 31. 8 31. 8 32. 6 31. 8 32. 6 31. 8 32. 6 31. 8 | °C. 7 23. 5 24. 4 22. 3 23. 4 23. 5 23. 1 24 23. 6 23. | °C. 32.3 31.4 32.5 27.9 31.4 33. 1 33. 1 33. 1 32.7 29.2 31. 2 31. 2 31. 2 31. 2 31. 32. 8 33. 7 33. 8 33. 9 34. 2 34. 4 34. 5 35. 7 36. 9 30. 5 31. 1 30. 9 | °C 22. \$ . \$ . \$ . \$ . \$ . \$ . \$ . \$ . \$ .   |

a The minimum temperatures of this station are not reliable: they seem to be too low.

Maximum and minimum temperatures at the stations of the Weather Bureau, July, 1918—Continued.

| <b>D</b> | Dag   | upan.  | Boli   | nao.  | Bag  | ruio.   |  | rnando,<br>ion.   | Ech  | agüe.   | Can   | don.  |
|----------|---|--|--|---|--|---|--|---|--|---|---|---|
| Day.     | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini  |
| 1        | 34. 4<br>32. 3<br>31. 6<br>29. 9<br>32<br>31. 4<br>29. 6                                  | °C. 24 24 24, 23, 5 24 23, 5 24, 1 23, 5 23, 1 23, 2 24, 9 25, 2 24, 2 24, 9 25, 2 24, 2 24, 2 | °C. 31 33.4 31.9 31.9 31.3 30.8 31.1 31.2 28 27.8 31.4 31 29.7 32 32.1   | °C. 5 24. 5 24. 5 24. 9 25 24. 1 24. 3 24 6 23. 7 25. 8 25. 1 26. 2 25. 2   | °C. 20.4 24.1 23.8 23.1 21.7 22.6 22.1 22.17.3 17.8 17.8 18.1 17.8 18.1  | °C.<br>16.1<br>15.6<br>15.8<br>14.8<br>15.4<br>16.2<br>15.3<br>15.2<br>15.6<br>16.5<br>16.5<br>16.5<br>16.5 | °C. 33. 3 34 33. 1 33. 3 32. 1 30. 8 33. 4 33. 3 32. 1 26. 5 30. 5 31 29 32. 4                           | °C. 24. 7 23. 7 23. 2 23 2 24 24. 4 24. 5 23. 2 23. 6 24. 5 25. 1 24. 5 25  | °C. 35 34.5 33.6 32.5 29.5 31 34 35.6 36.5 36.5 36.5 37.5  | °C.<br>23.5<br>22.7<br>22.8<br>22.5<br>21.1<br>24.1<br>22.7<br>22.9<br>23.3<br>23.6<br>23.6<br>23.6<br>23.4<br>24.1   | °C. 32. 32. 6 32. 6 32. 6 31. 5 32. 33. 4 29. 5 29. 5 29. 5 30. 29 7  | °C.<br>25<br>25. 5<br>24. 4<br>26<br>26<br>25. 8<br>25. 5<br>25. 5<br>25. 2<br>25. 2<br>26. 6<br>25. 2  |
| 77       | 30. 5<br>31. 6<br>31. 4<br>31. 6<br>26. 8<br>25<br>32. 4<br>32. 2<br>31. 3<br>28. 6<br>26 | 25. 5<br>24. 9<br>25. 5<br>25. 4<br>22. 6<br>25. 3<br>24. 2<br>23. 2<br>23. 2<br>23. 4<br>25.  | 31. 2<br>31. 4<br>31. 7<br>31. 8<br>29. 9<br>31. 2<br>31. 3<br>30. 9<br>30. 4<br>29. 1<br>28. 5<br>28<br>32. 2 | 25. 1<br>25. 5<br>26<br>25. 5<br>24. 5<br>25. 5<br>24. 25. 1<br>25. 9<br>24. 23. 5<br>23. 5<br>24. 25. 2  | 17. 8<br>18. 5<br>17. 9<br>17. 4<br>17. 6<br>18. 2<br>17. 8<br>20. 2<br>19. 3<br>18. 9<br>17<br>19. 3<br>21. 3   | 16. 9<br>16. 7<br>15. 9<br>15. 6<br>15. 4<br>14. 6<br>14. 1<br>15. 5<br>15. 1<br>14. 9<br>14. 8<br>15. 3    | 30. 4<br>30. 4<br>31. 4<br>30<br>26. 6<br>32. 2<br>32<br>31. 9<br>31. 6<br>31<br>28. 9<br>28. 7<br>33. 1 | 24. 6<br>24. 9<br>25. 5<br>23. 1<br>21. 37<br>22. 7<br>23. 7<br>24. 6<br>23. 7<br>22. 9<br>22. 7<br>23. 3<br>24. 6<br>25. 3 | 37. 6<br>38. 6<br>59. 5<br>37. 7<br>33. 4<br>25. 5<br>36. 5<br>37. 5<br>30. 5<br>30. 6<br>31. 5<br>33. 6   | 22. 7<br>22. 3<br>22. 4<br>22. 5<br>23. 9<br>22. 5<br>21<br>21. 4<br>23. 3<br>22. 5<br>22. 8<br>23. 6<br>22. 4<br>23<br>23. 3   | 31<br>31. 2<br>31<br>29<br>30<br>28. 4<br>30. 7<br>30. 9<br>31<br>30<br>29. 6<br>28. 5<br>28. 2<br>33<br>30. 8                    | 25. 4<br>25. 6<br>26. 4<br>25. 4<br>25. 5<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8  |
| Mean     | 30.6  | 24.1   | 30.8   | 24.7  | 19.5   | 15. 5   | 31.1   | 24  | 34.3   | 22. 9   | 30.8  | 25. 1   |
| Day.     |   |  | Maxi-  |   | Maxi-  | Mini-   |  | Mini-   | Maxi-  | Mini-   | Boje<br>Maxi-   | ador.<br>Min  |
| 1        |   |  | °C. 31.6 32.6 32.4 30.9 30.7 31.7 31.4 30.9 29.5 29.1 30.8 30 28.1 27.5 29.7 27.8 28.3 26.9 25.5               | °C.<br>24. 5<br>24. 4<br>24. 2<br>24. 3<br>24. 3<br>24. 5<br>25. 3<br>25. 4<br>24. 1<br>24. 8<br>25. 1<br>24. 6<br>24. 6<br>25. 2<br>24. 6<br>25. 2<br>25. 2<br>25. 2<br>25. 3<br>25. 2<br>25. 3<br>25. 2<br>25. 3<br>25. 3<br>25. 4<br>25. 1<br>25. 2<br>25. 3<br>25. 2<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26 | °C. 34. 3<br>36. 2<br>35. 5<br>35. 6<br>35. 3<br>32. 4<br>35. 4<br>36. 7<br>36. 7<br>34. 7<br>32. 7<br>33. 6<br>36. 3<br>32. 4<br>35. 4<br>36. 7<br>35. 3<br>32. 4<br>35. 4<br>36. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>35. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36. 7<br>36 | °C. 23. 2 22. 6 24 23. 8 24. 3 24. 5 24. 6 23. 4 24. 5 24. 5 24. 5 25. 8 25. 1 23. 7 24. 5                  | °C. 31. 9 31. 5 32. 9 31. 9 32. 6 31. 8 31. 3 32. 1 30. 9 27 30. 5 29. 9 29. 5 30. 5 30. 5               | °C. 22.9 23.9 24.9 23.1 23 23.2 24.8 24.9 25.1 25.5 24.9 22.7 22.6 22.7 22.6 24.8   | °C. 32.5 30 5 31.4 31 32.8 31.3 31.8 32.9 6 32.2 5 32.1 33.4 1 34.2 2 30.8 29.3 31.3 31.3 31.4 1 32.2 30.8 30.8 29.3 31.2 32.5 32.1 33.4 1 33.4 1 33.4 1 33.4 1 33.4 1 33.5 30.8 29.3 31.2 33.8 31.2 33.8 31.2 33.8 31.2 33.8 31.2 33.8 31.2 33.8 31.2 33.8 33.8 33.8 33.8 33.8 33.8 33.8 33 | °C. 23. 5 24. 2 25. 3 25. 3 25. 3 25. 6 25. 8 25. 6 26. 2 26. 8 26. 3 26. 2 26. 8 26. 3 26. 2 26. 8 26. 3 26. 2 26. 8 26. 3 26. 2 26. 8 26. 3 26. 2 26. 8 26. 2 26. 8 26. 2 26. 8 26. 2 26. 8 2 26. 2 26. 8 2 26. 2 26. 8 2 26. 2 2 2 2 | °C. 30. 5 32. 6 32. 6 30. 8 31. 8 30. 3 31. 4 31. 8 30. 4 29. 4 29. 4 29. 8 28. 8 28. 8 28. 1 29. 2 29. 8 28. 8 28. 8 28. 8 28. 8 | °C 25. 23. 24. 25. 24. 25. 23. 24. 25. 23. 24. 25. 23. 24. 25. 25. 25. 25. 25. 25. 25. 25. 25. 25 |

# SEISMOLOGICAL BULLETIN FOR JULY, 1918.

By Rev. MIGUEL SADERRA MASÓ, S. J., Chief, Seismic and Magnetic Divisions, Weather Bureau.

## EARTHQUAKES FELT IN THE PHILIPPINES.1

- 1, 6<sup>h</sup> 10<sup>m</sup> 24<sup>s</sup> \* [1, 14<sup>h</sup> 10<sup>m</sup> 24<sup>s</sup>]. Eastern Visayas and Mindanao. Earthquake of intensity VI and great extension. It was felt through the central and eastern Mindanao, the islands of Samar and Leyte and SE Luzon, an extension of about 1,000 kilometers in the SSE-NNW direction. The origin lay in the Pacific in the Philippine Deep, near to the 127th east meridian and the 9° N parallel. The shape of the epicenter seems to have been unusually elongated in the same direction of the Deep, SSE-NNW, because it did not propagate very far towards the W, in the Visayan islands of Bohol and Cebu. It was recorded in the Far East and America.
- 2,  $17^h$   $57^m$   $23^s$  \* [3,  $1^h$   $57^m$   $23^s$ ]. Butuan (N Mindanao). Earthquake of intensity III-IV.
- 2, 23<sup>h</sup> 09<sup>m</sup> [3, 7<sup>h</sup> 09<sup>m</sup>]. **N Mindanao**. Earthquake of intensity III, felt in the northern part of the Agusan Valley and westwards as far as the Camiguin volcanic island.
- 4, 12<sup>h</sup> 10<sup>m</sup> [4, 20<sup>h</sup> 10<sup>m</sup>]. Tigaon (SE Luzon). Earthquake of intensity II-III; origin in the Isarog Mountain.
- 5, 4<sup>h</sup> 24<sup>m</sup> [5, 12<sup>h</sup> 24<sup>m</sup>]. Basco (Batan Island). Subsultory earthquake, intensity III, duration 4 seconds. Repetition on the 6th at 3<sup>h</sup> 30<sup>m</sup> [11<sup>h</sup> 30<sup>m</sup>] with rumbling.
- 8, 15<sup>h</sup> 17<sup>m</sup> 24<sup>s</sup> \* [8, 23<sup>h</sup> 17<sup>m</sup> 24<sup>s</sup>]. **Butuan** (N Mindanao). Oscillatory earthquake, direction NE-SW, intensity III, duration 8 seconds. During the following 5 minutes occurred two light aftershocks.
- 9, 1<sup>h</sup> 58<sup>m</sup> 09<sup>s</sup> \* [9, 9<sup>h</sup> 58<sup>m</sup> 09<sup>s</sup>]. **NE Mindanao, Samar and Leyte.** Earthquake of intensity III. Repeated with the same intensity at 2<sup>h</sup> 06<sup>m</sup> and 3<sup>h</sup> 07<sup>m</sup> [10<sup>h</sup> 06<sup>m</sup>, 11<sup>h</sup> 07<sup>m</sup>]. The origin of these shocks apparently was in the Pacific some distance from the affected coasts.
- 10, 14<sup>h</sup> 20<sup>m</sup> [10, 22<sup>h</sup> 20<sup>m</sup>]. Aparri (NE Luzon). Oscillatory earthquake, intensity IV, duration 10 seconds.
- 11, 1<sup>h</sup> 49<sup>m</sup> [11, 9<sup>h</sup> 49<sup>m</sup>]. Lanao, Camp Keithley (N Mindanao). Oscillatory earthquake, direction ESE-WNW, intensity III, duration 4 seconds.
- 11, 7<sup>h</sup> 16<sup>m</sup> [11, 15<sup>h</sup> 16<sup>m</sup>]. Butuan (N Mindanao). Earthquake of intensity III. duration 2 seconds.
- 12, 2<sup>h</sup> 26<sup>m</sup> [12, 10<sup>h</sup> 26<sup>m</sup>]. Surigao (NE Mindanao). Earthquake shock of intensity III, duration 3 seconds.
  - 15, 16<sup>h</sup> 21<sup>m</sup> 15<sup>s</sup> \* [16, 0<sup>h</sup> 21<sup>m</sup> 15<sup>s</sup>]. **NW Luzon**. Oscillatory earthquake of intensity

<sup>&#</sup>x27;The intensity of earthquakes is given in the notation known as the Rossi-Forel scale. The time is that indicated by the seismographs at the Central Observatory whenever the disturbance has been registered by them. This fact is denoted by an asterisk (\*). Otherwise the time is that noted by the observer who sent the report. All time indications are in Greenwich mean time (midnight= $0^h$ ), insular time being added in brackets for the convenience of Philippine readers.

III-IV felt in the province of Ilocos Norte, duration about 8 seconds. Apparently the epicenter was in the China Sea, off the coast of Ilocos.

- 15,  $20^h$   $27^m$  [16,  $4^h$   $27^m$ ]. Naga (SE Luzon). Earthquake of intensity III, duration 3 seconds.
- 18, 4<sup>h</sup> 11<sup>m</sup> [18, 12<sup>h</sup> 11<sup>m</sup>]. Surigao (NE Mindanao). Earthquake of intensity III, duration 6 seconds.
- 31, 4<sup>h</sup> 53<sup>m</sup> 38<sup>s</sup> \* [31, 12<sup>h</sup> 53<sup>m</sup> 38<sup>s</sup>]. Naga (SE Luzon). Oscillatory earthquake, direction NNE-SSW, intensity IV, duration 10 seconds: preceded by rumbling. It was felt through the central and oriental portion of Ambos Camarines; the origin was some distance N of the province in the Pacific. Six minutes later occurred an aftershock of intensity II-III.
- 31, 13<sup>h</sup> 34<sup>m</sup> [31, 21<sup>h</sup> 34<sup>m</sup>]. Lanao, Camp Keithley (N Mindanao). Oscillatory earthquake, direction SW-NE, intensity IV, duration 6 seconds. Recorded at Butuan.

RECORDS OF THE MICROSEISMOGRAPH.

[Time: Greenwich mean. Midnight=0h. Instrument: Wiechert seismograph; 1,000 kilograms.  $A_N$ :  $T_0=6.62, \epsilon=2.726, \frac{r}{T_{0^2}}=0.021;$   $A_E$ :  $T_0=6.03, \epsilon=2.378, \frac{r}{T_{0^2}}=0.037.$  Alluvium. 2.40 meters above sea level.]

|             |       |            |                            |  |                           |         | Ampl                | itude.               |                               |
|-------------|-------|------------|----------------------------|--|---------------------------|---------|---------------------|----------------------|-------------------------------|
| No.         | Date. | Character. | Phase.                     | Ho   | our.                      | Period. | A <sub>N</sub><br>μ | $\mathbf{A_E}$ $\mu$ | Remarks.                      |
|             |       |            |                            | h.<br>6  | m. s.                     |         |                     |                      | ·                             |
| 219         | 1     | IIIv       | iP<br>L                    | 6  | m. s.<br>10 24<br>12 16   |         |                     | <b></b>              | Eastern Visayas and Mindanao. |
|             |       |            | $\mathbf{M_{E1}^{L}}$      |  | 12 16                     |         |                     | 700                  |                               |
|             |       |            | M <sub>N</sub> .           |  | 12 28<br>12 47            | 6       | 1, 143              | 703                  |                               |
|             |       |            | $M_{N_1}$ $M_{E_2}$        |  | 12 <b>47</b> 13 <b>43</b> | 6       | 1, 145              | 829                  |                               |
|             |       |            | M <sub>N2</sub>            |  | 13 45                     | 6       | 1, 229              | 023                  |                               |
|             |       |            | M <sub>N3</sub>            |  | 14 48                     | 6       | 1, 129              |                      |                               |
|             |       |            | $\mathbf{M}_{\mathbf{E}3}$ |  | 15 30                     | 6       | 1,123               | 788                  |                               |
|             |       |            | F"                         | 8  | 10                        |         |                     |                      |                               |
|             |       |            |                            | 10   | 10 00                     |         |                     |                      |                               |
| 220         | 2     | Ir         | e<br>S<br>L<br>F           | 17   | 16 22<br>20 28<br>23 04   |         |                     |                      |                               |
|             |       |            | Ľ                          |  | 23 04                     |         |                     |                      |                               |
|             |       |            | F                          |  | 55                        |         |                     |                      |                               |
| 001         | 2     | Iv         | eΡ                         | 17   | 57 23                     |         |                     | ĺ                    | Butuan (N Mindanao).          |
| 221         | Z     | lv l       | eP<br>L                    |  | 58 52                     |         |                     |                      | Zuvum (1. mmanna).            |
|             |       |            | $\mathbf{M_{N}}$           |  | 59 16<br>11               | 6       | 16                  |                      |                               |
|             |       |            | $\mathbf{F}$               | 18   | 11                        |         |                     |                      |                               |
| 222         | 2     | Iv         | eΡ                         | 19   | 17 53                     |         |                     |                      |                               |
| 222         | 2     | lv l       | eP<br>F                    |  | 17 53<br>25               |         |                     |                      | •                             |
|             |       | 1          |                            | 1  |                           |         |                     |                      |                               |
| 223         | 2     | Ιv         | eP<br>F                    | 23   | 09 23<br>28               |         |                     |                      |                               |
|             |       |            |                            |  |                           |         |                     |                      |                               |
| 224         | 3     | IIIr       | eP<br>iS<br>iL             | 6<br>7   | 58 00                     |         |                     |                      |                               |
|             |       |            | 15<br>iI.                  | 1  | 02 24<br>04 28            |         |                     |                      |                               |
|             |       | 1          | $\mathbf{M_{E1}}$          |  | 06 12                     | 8       |                     | 788                  |                               |
|             |       | 1          | $M_{N1}^{D1}$              |  | 06 13                     | 10      | 1, 107              |                      |                               |
|             |       |            | $M_{N2}$                   |  | 07 39                     | 8       | 1, 167              |                      |                               |
|             |       |            | $\mathbf{M_{E2}}$          |  | 07 52                     | 11      | 2,201               | 897                  |                               |
|             |       |            | $\mathbf{M_{N3}}$          |  | 09 00                     | 10      | 1,064               |                      |                               |
|             |       |            | $\mathbf{M_{E3}}$          | e de la companya de l | 12 15                     | 11      |                     | 849                  |                               |
|             |       |            | C<br>F                     | 8<br>10  | 12 15<br>08 38<br>22      |         |                     |                      |                               |
|             |       | 1          | F.                         | ì  |                           |         |                     |                      |                               |
| 225         | 3     | I          | e<br>F                     | 14<br>15   | 55 51<br>22               |         |                     |                      |                               |
|             | 1     |            | F                          | 15   | 22                        |         | j                   |                      |                               |
| 226         | 3     | Iv         | eР                         | 17   | 24 00                     |         |                     |                      |                               |
| 240         |       |            | eP<br>L                    | 17   | 24 15                     |         |                     |                      |                               |
|             |       |            | $\mathbf{M_N}$             |  | 24 18                     | 3       | 129                 |                      |                               |
|             |       |            | F                          | ŀ  | 30                        |         |                     |                      |                               |
| 227         | 3     | Iv         | eP<br>F                    | 19   | 12 44                     |         |                     |                      |                               |
|             |       |            | F                          | 1  | 17                        |         |                     |                      |                               |
| <b>22</b> 8 | 5     | Iv         | eР                         | 23   | 31 28                     |         | i                   |                      |                               |
| 440         |       | 14         | eP<br>F                    |  | 33                        |         |                     |                      |                               |
| 000         | 1     |            |                            | 14   | 94                        |         |                     |                      |                               |
| 229         | 6     | I▼         | e<br>F                     | 14   | 46                        |         |                     |                      | •                             |

Records of the microseismograph—Continued.

|     |       |            |  |   |  | 1   | Amp                        | litude.                  |                                  |
|-----|-------|------------|--|---|--|---|----------------------------|--------------------------|----------------------------------|
| No. | Date. | Character. | Phase.   | Hou   | r. ,   | Period.   | Α <sub>N</sub><br>μ        | A <sub>E</sub><br>μ      | Remarks.                         |
| 230 | 6     | Iv         | e<br>F   | h. m<br>20 19<br>42   | 9  |   |                            |                          |                                  |
| 231 | 7     | I√         | eP<br>L<br>M <sub>E</sub><br>M <sub>N</sub><br>F   | 12 03<br>03<br>03<br>03<br>07   | 3 46<br>3 48<br>3 49   | 2 2   | 156                        | 126                      |                                  |
| 232 | 7     | $I_{v}$    | eP<br>F  | 13 37   | 7 14<br>9  |   |                            |                          |                                  |
| 233 | 8     | Hr         | e iE1 iN1 iE2 iN2 iS iS iE3  Mn1 Mn2 C F   | 10 28<br>30<br>30<br>33<br>33<br>35<br>36<br>36<br>41<br>41<br>42<br>43 | 0 35<br>0 50<br>1 22<br>3 28<br>3 39<br>5 53<br>6 22<br>7 00<br>1 11<br>1 58<br>2 44<br>3 07<br>4 29 | 5<br>6<br>6<br>7<br>8<br>8<br>8<br>13<br>11<br>11<br>10 | 357<br>471<br>658<br>1,049 | 390<br>349<br>534<br>685 |                                  |
| 234 | 8     | Ιν         | F<br>eP<br>F   | 15 17   | 7 24   |   |                            |                          | Butuan (N Mindanao).             |
| 235 | 9     | Ir         | eP<br>S<br>L<br>M <sub>E</sub><br>M <sub>N</sub><br>F  | 1 58<br>2 00<br>00<br>01<br>01<br>20                                    | 3 09<br>0 12<br>0 50<br>1 03<br>1 11   | 6 9   | 230                        | 209                      | NE Mindanao, Samar and Leyte.    |
| 236 | 9     | Ιν         | eP<br>F  | 3 07<br>20  | 7 24   |   |                            |                          |                                  |
| 237 | 10    | Ιv         | $\begin{array}{c} \mathbf{eP} \\ \mathbf{L} \\ \mathbf{M_N} \\ \mathbf{M_E} \\ \mathbf{F} \end{array}$ | 2 09<br>09<br>09<br>10<br>17  | 56<br>57<br>22   | 4 3   | 350                        | 182                      |                                  |
| 238 | 10    | Ιv         | $\begin{array}{c} \mathbf{eP} \\ \mathbf{L} \\ \mathbf{M_E} \\ \mathbf{F} \end{array}$                 | 21 45<br>45<br>46<br>50   | 55   | 3   |                            | 114                      |                                  |
| 239 | 15    | I          | e<br>F   | 0 46<br>1 33  | 28   |   |                            |                          |                                  |
| 240 | 15    | IIr        | eP<br>S<br>L<br>M <sub>N</sub><br>M <sub>E</sub><br>F  | 16 21<br>23<br>23<br>24<br>25<br>53                                     | 21<br>53<br>51<br>02   | 6 7   | 328                        | 264                      | Off the western coast of Ilocos. |
| 241 | 16    | I          | M <sub>N</sub><br>F  | 20 26<br>43   | 35   | 6   | 27                         |                          |                                  |
| 242 | 17    | Ιv         | eP<br>F  | 0 09<br>12  |  |   |                            |                          |                                  |
| 243 | 17    | Ιv         | eP<br>L<br>M <sub>N</sub><br>M <sub>E</sub><br>F   | 58<br>58<br>14 31   | 46<br>10<br>12   | 6<br>6  | 109                        | 118                      |                                  |
| 244 | 17    | Ιv         | eP<br>F  | 44  |  |   |                            |                          |                                  |
| 245 | 18    | Iv         | e<br>F   | 2 11<br>24  |  |   |                            |                          |                                  |
| 246 | 18    | Ιv         | e<br>F   | 10 13<br>27   |  |   |                            |                          |                                  |

# Records of the microseismograph—Continued.

|     |       | -          |  |                |  |          | Amp                 | litude.             |   |  |
|-----|-------|------------|--|----------------|--|----------|---------------------|---------------------|---|--|
| No. | Date. | Character. | Phase.   | Ho             | ur.  | Period.  | A <sub>N</sub><br>μ | A <sub>E</sub><br>μ | - |  |
| 248 | 20    | Ir         | e<br>L   | h. m           | 15 51<br>19 21                               |          |                     |                     |   |  |
|     |       |            | M <sub>N</sub><br>M <sub>E</sub><br>F  | 13 (           | 19 47<br>50 21<br>07                         | 8 8      | 23                  | 18                  |   |  |
| 249 | 20    | Iv         | $^{ m eP}_{ m L} \ { m M_E} \ { m M_N}$  | 8              | 32 21<br>34 18<br>35 06<br>35 53             | 5        | 36                  | 26                  |   |  |
| 250 | 20    | Iv         | F<br>eP<br>F   | 15 2           | 58<br>20 52                                  |          |                     |                     |   |  |
| 251 | 20    | Ιv         | eP<br>F  | İ              | 29<br>56 52<br>10                            |          |                     |                     |   |  |
| 252 | 20    | I          | e<br>F   | 17 8           |  |          |                     |                     |   |  |
| 253 | 21    | IIr        | $egin{array}{c} \mathbf{e} \\ \mathbf{S} \\ \mathbf{L} \\ \mathbf{M_{E1}} \\ \mathbf{M_{N1}} \\ \mathbf{M_{N2}} \end{array}$ | 2              | 17 23<br>22 29<br>23 38<br>24 28<br>24 39    | 5        | 79                  | 77                  |   |  |
| 254 | 21    | Ir         | M <sub>E2</sub> C F  | 7 1<br>8 2     | 25 19<br>25 44<br>18<br>21<br>22 21          | 7 7      |                     | 84                  |   |  |
| 255 | 21    | Iv         | L<br>F   | 10 5           | i9 18<br>i5                                  |          |                     |                     |   |  |
| 256 | 22    | Ιν         | eP<br>F<br>eP  | 3              | 12 13<br>15 18                               |          |                     |                     |   |  |
|     |       |            | L<br>M <sub>E</sub><br>M <sub>N</sub><br>F   | 1<br>1<br>1    | 5 38<br>5 42<br>5 46<br>9                    | 2 2      | 63                  | 64                  |   |  |
| 257 | 22    | Ιν         | eP<br>F  | 4 1<br>2       | 9 40<br>3                                    |          |                     |                     |   |  |
| 258 | 23    | Ir         | $\mathbf{\overset{e}{M_{E}}}_{\mathbf{M_{N}}}$   | 4              | 5 17<br>1 26<br>1 34<br>8                    | 20<br>18 | 10                  | 7                   |   |  |
| 259 | 25    | Ir         | e<br>S<br>L<br>M <sub>N</sub><br>M <sub>E</sub><br>F   |                | 4 09<br>0 08<br>1 12<br>3 01                 | 17<br>16 | 5                   | 11                  |   |  |
| 260 | 26    | Iv         | eP<br>L<br>M <sub>N</sub><br>M <sub>E</sub><br>F   | 23 0<br>0<br>0 | 5 51<br>6 11<br>6 12<br>6 12                 | 2 2      | 213                 | 156                 |   |  |
| 261 | 27    | Ιv         | eP<br>F  | 16 1           |  |          |                     |                     |   |  |
| 262 | 29    | Ιv         | eP<br>L<br>F   | 9 4<br>4<br>5  | 6 34<br>7 48<br>5                            |          |                     |                     |   |  |
| 263 | 29    | Ιv         | e<br>F   | 11 2<br>4      | 7<br>6                                       |          |                     |                     |   |  |
| 264 | 29    | IIr        | $\begin{array}{c} eP\\ iS\\ iL\\ M_{N1}\\ M_{E1}\\ M_{N2}\\ M_{E2}\\ C\\ F\end{array}$                                       |                | 1 06<br>3 50<br>4 38<br>5 05<br>5 49<br>7 58 |          | 136                 | 103                 |   |  |

# SEISMOLOGICAL BULLETIN.

# Records of the microseismograph—Continued.

|     | ,  |            |  |  |         | Amp                 | litude.                |                  |
|-----|----|------------|--|--|---------|---------------------|------------------------|------------------|
| No. |    | Character. | Phase.   | Hour.                                    | Period. | A <sub>N</sub><br>μ | $A_{\mathbf{E}}$ $\mu$ | Remarks.         |
| 265 | 31 | Ιν         | eP<br>L  | h. m. s.<br>4 53 38<br>54 07             |         |                     |                        | Naga (SE Luzon). |
|     |    |            | еР<br>L<br>М <sub>Е</sub><br>F   | 54 09<br>5 02                            | 3       |                     | 22                     |                  |
| 266 | 31 | Ιν         | $\begin{array}{c} \mathbf{eP} \\ \mathbf{L} \\ \mathbf{M_N} \\ \mathbf{M_E} \end{array}$ | 9 17 42<br>17 45<br>17 46<br>17 46<br>20 | 2       | 58                  | 93                     |                  |
| 267 | 31 | Ιv         | F<br>eP<br>F   | 20<br>13 18 17<br>20                     |         |                     |                        | ,                |
| 268 | 31 | Iv         | eP<br>F  | 14 56 37<br>15 20                        |         |                     |                        |                  |
| 269 | 31 | Ir         | eP<br>F  | 22 07 30<br>40                           |         |                     |                        |                  |

#### TEMBLORES DE TIERRA SENTIDOS EN FILIPINAS.1

- 1, 6<sup>h</sup> 10<sup>m</sup> 24<sup>s</sup> \* [1, 14<sup>h</sup> 10<sup>m</sup> 24<sup>s</sup>]. Este de Visayas y Mindanao. Temblor de tierra de intensidad VI y de grande extensión. Sintióse en toda la parte central y oriental de Mindanao, en las Islas de Sámar y Leyte y en la parte SE de Luzón, o sea en una extensión de 900 a 1,000 kilómetros en dirección SSE-NNW. El origen se hallaba en el Pacífico en el Abismo de Filipinas cerca del meridiano 127° E y del paralelo 9° N; el epicentro parece tenía una forma muy prolongada en la dirección del Abismo, SSE-NNW, puesto que no se sintió a iguales distancias hacia el W, en las Islas Visayas de Bohol y de Cebú. Fué registrado en el Extremo Oriente y en América.
- 2,  $17^h$   $57^m$   $23^s$  \* [3,  $1^h$   $57^m$   $23^s$ ] Butúan (N de Mindanao). Temblor de tierra de intensidad III–IV.
- 2, 23<sup>h</sup> 09<sup>m</sup> [3, 7<sup>h</sup> 09<sup>m</sup>]. N de Mindanao. Temblor de tierra de intensidad III, sentido en la parte N del Agusan y en la isla volcánica de Camiguín.
- 4,  $12^h$   $10^m$  [4,  $20^h$   $10^m$ ]. Tigaon (SE de Luzón). Temblor de tierra de intensidad II-III, origen en el Isarog.
- 5, 4<sup>h</sup> 24<sup>m</sup> [5, 12<sup>h</sup> 24<sup>m</sup>]. **Basco** (Islas Batanes). Temblor de tierra subsultorio, intensidad III, duración 4 segundos. Repitió el día 6 a 3<sup>h</sup> 30<sup>m</sup> [11<sup>h</sup> 30<sup>m</sup>] con ruido subterráneo.
- 8, 15<sup>h</sup> 17<sup>m</sup> 24<sup>s</sup> \* [8, 23<sup>h</sup> 17<sup>m</sup> 24<sup>s</sup>]. Butúan (N de Mindanao). Temblor oscilatorio, dirección NE-SW, intensidad III, duración 8 segundos. Percibiéronse dos ligeras réplicas durante los 5 minutos siguientes.
- 9, 1<sup>h</sup> 58<sup>m</sup> 09<sup>s</sup> \* [9, 9<sup>h</sup> 58<sup>m</sup> 09<sup>s</sup>]. NE de Mindanao, Sámar y Leyte. Temblor de tierra de intensidad III. Repitió con la misma intensidad a 2<sup>h</sup> 06<sup>m</sup> y a 3<sup>h</sup> 07<sup>m</sup> [10<sup>h</sup> 06<sup>m</sup> 11<sup>h</sup> 07<sup>m</sup>]. El origen de todos estos temblores parece se hallaba algo lejos dentro del Mar Pacífico.
- 10, 14<sup>h</sup> 20<sup>m</sup> [10, 22<sup>h</sup> 20<sup>m</sup>]. Aparri (NE de Luzón). Temblor oscilatorio de intensidad IV, duración 10 segundos.
- 11, 1<sup>h</sup> 49<sup>m</sup> [11, 9<sup>h</sup> 49<sup>m</sup>]. Ianao, Camp Keithley (N de Mindanao). Temblor oscilatorio, dirección ESE-WNW, intensidad III, duración 4 segundos.
- 11, 7<sup>h</sup> 16<sup>m</sup> [11, 15<sup>h</sup> 16<sup>m</sup>]. Butúan (N de Mindanao). Temblor oscilatorio, intensidad III, duración 2 segundos.
- 12,  $2^h$   $26^m$  [12,  $10^h$   $26^m$ ]. Surigao (NE de Mindanao). Temblor de tierra de intensidad III, duración 3 segundos.
- 15, 16<sup>h</sup> 21<sup>m</sup> 15<sup>s</sup> \* [16, 0<sup>h</sup> 21<sup>m</sup> 15<sup>s</sup>]. NW de Luzón. Temblor de tierra oscilatorio, de intensidad III—IV, sentido en la Provincia de Ilocos Norte, duración 8 segundos. Su epicentro se hallaba al parecer en el Mar de la China algo lejos hacia el W.
- 15, 20<sup>h</sup> 27<sup>m</sup> [16, 4<sup>h</sup> 27<sup>m</sup>]. Naga (SE de Luzón). Temblor de tierra de intensidad III, duración 3 segundos.
- 18, 4<sup>h</sup> 11<sup>m</sup> [18, 12<sup>h</sup> 11<sup>m</sup>]. Surigao (NE de Mindanao). Temblor de tierra de intensidad III, duración 6 segundos.
- 31, 4<sup>h</sup> 53<sup>m</sup> 38<sup>s</sup> \* [31, 12<sup>h</sup> 53<sup>m</sup> 38<sup>s</sup>]. Naga (SE de Luzón). Temblor oscilatorio, dirección NNE-SSW, intensidad IV, duración 10 segundos; precedido de ruido subterráneo. Este temblor fué perceptible en toda la parte central y oriental de la Provincia de Ambos Camarines, su epicentro parece se hallaba al N en el Mar Pacífico; 6 minutos después hubo una réplica de intensidad II-III.
- 31, 13<sup>h</sup> 34<sup>m</sup> [31, 21<sup>h</sup> 34<sup>m</sup>]. Lanao, Camp Keithley (N de Mindanao). Temblor oscilatorio, dirección SW-NE, intensidad IV, duración 6 segundos. Registrado en Butúan.
- <sup>1</sup> La intensidad de los terremotos se indica conforme a la conocida escala de Rossi-Forel. Cuanto a la hora de su ocurrencia, adoptamos la indicada por los sismógrafos de este Observatorio siempre que los hayan registrado, distinguiéndola por medio de un asterisco (\*). En caso contrario copiamos la apuntada por los observadores que nos envían las notas. Todas las indicaciones del tiempo se refieren al tiempo medio de Greenwich (medianoche=0<sup>h</sup>). Para conveniencia de los lectores de Filipinas se añade también el tiempo insular.

p356-

SERVE LIBRAL.
WAR 2 9 1919

THE GOVERNMENT OF THE PHILIPPINE ISLANDS

# WEATHER BUREAU

MANILA CENTRAL OBSERVATORY

BULLETIN FOR AUGUST, 1918

PREPARED UNDER THE DIRECTION OF

REV. JOSÉ ALGUÉ, S. J.

DIRECTOR OF THE WEATHER BUREAU

MANILA BUREAU OF PRINTING 1918

|         |  | 1 |  |                              |  |
|---------|--|---|--|------------------------------|--|
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  | ina pagali Sarijas<br>Pagali |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
| 일본하다 기존 |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |
|         |  |   |  |                              |  |

# METEOROLOGICAL BULLETIN FOR AUGUST, 1918.

By Rev. José Coronas, S. J., Chief, Meteorological Division of the Weather Bureau.

#### GENERAL WEATHER NOTES.

Pressure and temperature.—The mean atmospheric pressure for this month is in all our stations somewhat higher than that of the preceding year and than the normal for August. The highest pressures were recorded on the 1st in Luzon, and on the 1st or 4th in the Visayas and Mindanao.

The mean monthly temperature is, with very few exceptions, slightly below the normal and the mean for August, 1917. The highest and lowest monthly temperatures for Manila were 32.4° C. and 22.2° C.: they were registered on the 2nd and 16th, respectively. The extreme monthly temperatures for Baguio were 24.8° C., 13.2° C. on the top of Mirador, and 25.9° C., 13.0° C. in the valley.

PRESSURE AND TEMPERATURE AT THE FIRST AND SECOND CLASS STATIONS FOR AUGUST, 1918.

|  |  |   | P  | ressure.   |                                      |  |  |  |  | T                             | emperat   | ure.   |  |  |
|--|--|---|--|--|--------------------------------------|--|--|--|--|-------------------------------|---|--|--|--|
| Station.   | Mean.  | Departure<br>from<br>Aug.,<br>1917.   | Departure from normal.   | High-<br>est<br>mean.  | Day.                                 | Low-<br>est<br>mean.   | Day.   | Mean.  | ture   | Departure from normal.        | High-<br>est.   | Day.   | Low-<br>est.   | Day.   |
| Zamboanga  | 58. 29<br>58. 49<br>58. 48<br>58. 09<br>58. 20<br>58. 12<br>57. 83<br>57. 67 | $\begin{array}{c} mm. \\ +1.27 \\ +.77 \\ +.57 \\ +.57 \\ +.73 \\ +.46 \\ +.73 \\ +.46 \\ +.52 \\ +.69 \\ +.43 \end{array}$ | mm.<br>+0.50<br>+.48<br>+.69<br>+.76<br>+.44<br>+.60<br>+.50<br>+.70<br>+.90 | mm. 760.87 59.82 59.66 59.87 59.56 59.69 59.69 59.67 59.71 59.67                         | 4<br>4<br>4<br>4<br>1<br>1<br>1<br>1 | mm. 758. 48 57. 21 56. 88 56. 98 57. 12 56. 56. 56 56. 54 55. 90 55. 29 55. 13           | 25<br>24<br>24<br>24<br>24<br>24<br>24<br>24<br>24<br>24<br>24<br>22 | °C.<br>26. 1<br>27. 4<br>27. 6<br>26. 5<br>26. 6<br>26. 5<br>26. 6<br>26. 5<br>26. 5<br>26. 5<br>26. 5 | °C0.2 +.1 +.415458 -1.3 -1.2                 | °C.  -0.53 +.147497 -1        | °C. 30.8 33.5 33.3 32.1 32.1 34.6 33.4 34 33.8              | 25<br>31<br>12<br>1<br>8<br>25, 31<br>8<br>3<br>5<br>8 | °C. 21. 5 21. 9 22. 8 22. 5 21. 6 22. 3 22. 2 21. 8 21. 4 22. 2 23   | 19, 20<br>10<br>8<br>11<br>11<br>12<br>5<br>3<br>6<br>15 |
| Manila San Isidro Dagupan Baguio a Vigan Tuguegarao Laoag Aparri | 57. 89<br>58. 03<br>56. 93<br>635. 61<br>756. 82                             | + .60<br>+ .66<br>+ .42<br>+ .19<br>+ .29<br>+ .54<br>+ .35<br>+ .71  | + .55<br>+ .95<br>+ .38<br>+ .53<br>+ .39<br>+ .81                           | 59. 73<br>59. 73<br>59. 95<br>58. 84<br>637. 50<br>759. 02<br>59. 75<br>59. 11<br>60. 05 | 1<br>1<br>1<br>1<br>1<br>1<br>1<br>1 | 55. 01<br>55. 17<br>55. 06<br>53. 78<br>632. 44<br>753. 07<br>52. 55<br>52. 82<br>51. 90 | 12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12                   | 26. 5<br>26. 3<br>26. 9<br>17. 4<br>26. 9<br>27. 1<br>26. 1<br>27. 4                                   | -1.2<br>4<br>6<br>8<br>6<br>3<br>3<br>7<br>1 | 5<br>3<br>0<br>3<br>+ .1<br>4 | 32. 4<br>33. 2<br>34<br>24. 8<br>32<br>37. 6<br>33. 1<br>33 | 8,26<br>30<br>7<br>17                                  | 22. 2<br>22. 3<br>22. 8<br>13. 2<br>22. 3<br>21. 7<br>21. 8<br>22. 6 | 16<br>13<br>13<br>6<br>13<br>2<br>30                     |

<sup>&</sup>lt;sup>a</sup> The barometric readings of this station are not reduced to sea level.

Rainfall.—While the monthly amount of rainfall for Mindanao and for a few stations of Luzon and the Visayas was smaller than the normal and than the total amount for August, 1917, it was greater in the great majority of our stations throughout Luzon and the Visayas. The total monthly rainfall for Manila was 483.7 mm., an amount which differs from that of the preceding year by +124.3 mm., and from August's normal by +120.3 mm. Baguio was one of the few exceptions for Luzon; it reported only 544.0 mm. for the month, the differences from the normal and from the monthly total of August, 1917, being -545.6 mm. and -133.4 mm., respectively.

RAINFALL AT VARIOUS STATIONS OF THE WEATHER BUREAU DURING THE MONTH OF AUGUST, 1918.

| Station.  | Total.   | Departure from<br>Aug., 1917.   | Departure from<br>normal.             | Days of rain.   | Departure from<br>Aug., 1917.                                  | Greatestrainfall<br>in a single day.  | Day.   | Station.   | Total.   | Departure from<br>Aug., 1917.   | Departure from<br>normal.   | Days of rain.   | Departure from<br>Aug., 1917.                      | Greatest rainfall<br>in a single day.  | <b>Day.</b>  |
|---|--|---|---------------------------------------|---|--|---|--|--|--|---|---|---|--|--|--|
| Jolo Isabela, Basilan Zamboanga Davao Cotabato Camp Keithley, Lanao Cagayan, Misamis Dapitan Butuan Mambajao Dumaguete Yap, W. Carolines Tagbilaran Iwahig Surigao Maasin Cebu Ilolo San Jose Buenavista Cuyo Ormoc Guiuan Tacloban Capiz Borongan Catbalogan Calbayog Masbate Romblon Bataga | 65. 5<br>104. 3<br>215. 4<br>197. 5<br>138. 6<br>274. 5<br>100. 9<br>58. 2<br>75. 4<br>453. 8<br>74. 6<br>122. 3<br>150. 9<br>307. 4<br>148. 7<br>303. 5<br>920. 6<br>711. 1<br>227. 3<br>161. 9 | - 42.2<br>111.6<br>68.9<br>69.4<br>36.8<br>8 +224.8<br>98.2<br>73.2<br>+ 100<br>+-8.3<br>71.8<br>+-68.3<br>11.1<br>11.4<br>20.2<br>+-21.8<br>+-71.8<br> | -128.7<br>-26.1<br>-87.9<br>-85.5<br> | 10<br>111<br>9<br>20<br>23<br>11<br>15<br>10<br>8<br>14<br>27<br>12<br>20<br>19<br>11<br>17<br>18<br>24<br>20<br>18<br>18<br>12<br>19<br>18<br>19<br>18<br>24<br>25<br>19<br>18<br>24<br>25<br>26<br>26<br>27<br>28<br>28<br>28<br>29<br>29<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20 | -15'-18' -8'-8'-10'-16'-18'-18'-18'-18'-18'-18'-18'-18'-18'-18 | 22. 3<br>17. 5<br>327. 2<br>34. 5<br>43. 4<br>13. 5<br>20. 9<br>34. 5<br>61. 2<br>20. 9<br>111. 5<br>20. 1<br>156. 2<br>99. 2<br>111. 5<br>156. 2<br>156. 2<br>157. 8<br>157. 8<br>157. 1<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8<br>157. 8 | 14<br>10<br>19<br>6<br>19<br>9<br>10<br>15<br>13<br>19<br>27<br>18<br>14<br>17<br>27<br>18<br>27<br>11<br>23<br>13<br>15<br>16<br>15<br>16<br>17<br>17<br>18<br>27<br>11<br>17<br>18<br>27<br>19<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10 | Sorsogon Legaspi Sumay, Guam Calapan Virac Naga Tigaon Batangas Lucena Atimonan Ambulong, Tanauan Canlubang, Calamba Paracale Santa Cruz, Laguna Manila Antipolo Iba San Isidro Tarlac Baler Dagupan Bolinao Baguio San Fernando, Union Echagüe Candon Vigan Tuguegarao Luoag Aparri Cape Bojeador | 99. 4 183. 2 267. 3 289. 3 258. 8 121. 3 210. 9 459. 5 213. 7 459. 5 254. 7 629. 1 376. 6 366. 5 509. 5 440. 4 659. 5 410. 4 6691. 9 | -258.5 - 10.7 - | - 1.8 + 54.7 + 109.2 + 1109.2 + 120.8 + 120.8 + 120.8 + 120.8 + 120.8 + 120.2 | 144 144 238 238 238 240 166 200 199 238 211 266 288 7 252 252 252 252 252 252 252 252 252 2 | $egin{array}{cccccccccccccccccccccccccccccccccccc$ | 43. 7<br>25. 4<br>21. 8<br>40. 1<br>48. 8<br>66. 1<br>68. 6<br>72. 1<br>41. 8<br>30. 5<br>70. 4<br>46. 3<br>135. 7<br>117. 1<br>160. 3<br>64. 2<br>57. 7<br>182. 5<br>102. 4<br>80. 6<br>112. 5<br>102. 4<br>80. 6<br>112. 5<br>103. 5<br>104. 2<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1<br>105. 1 | 23<br>10<br>27<br>13<br>22<br>19<br>26<br>16<br>12<br>28<br>10<br>10<br>11<br>11<br>11<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12 |

a 30 days of observation

#### DEPRESSIONS AND TYPHOONS.

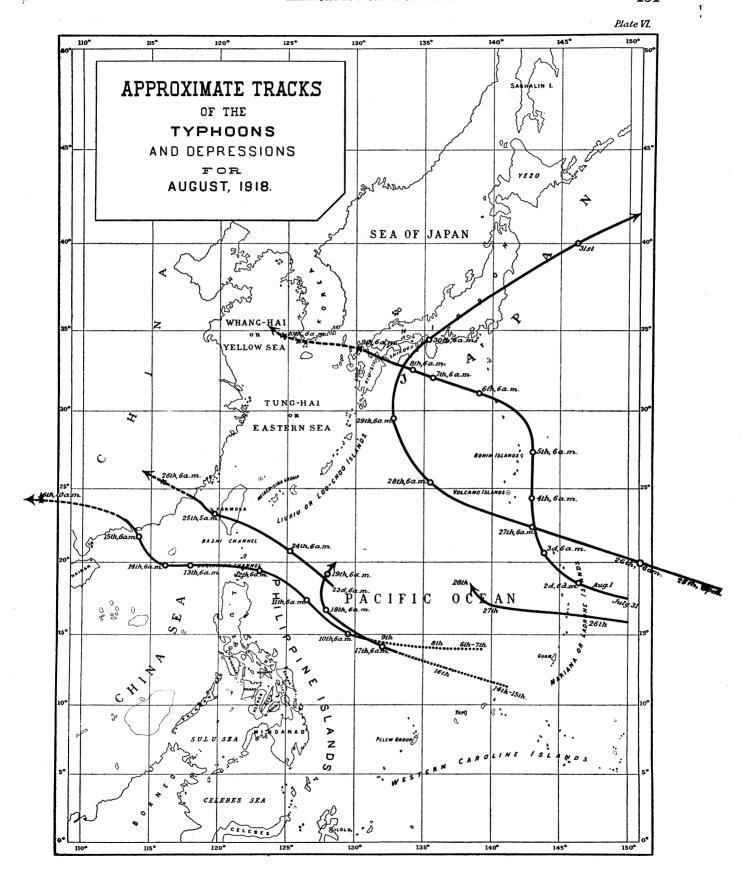
There were six typhoons in the Far East during this month, only one of which crossed the Philippine Islands through the Balintang Channel. Their tracks are given in Plate VI.

# TYPHOON OF JULY 31 TO AUGUST 10, 1918.

This was a very well developed typhoon which appeared to the northeast of Guam on July 31, near 150° longitude E and 17° or 18° latitude N. It moved WNW until the morning of the 2nd when it began to incline nortward. Since the morning of the 3rd until the afternoon of the 5th the typhoon moved almost due north to the east of the Volcano and Bonin Islands near 143° longitude E. It moved again WNW since the afternoon of the 5th, and thus reached the southwestern part of Japan on the 8th.

#### TYPHOON OF BALINTANG CHANNEL AUGUST 6 TO 16, 1918.

The first part of the track of this typhoon up to 6 a. m. of the 10th is given only as probable being as it is based only on slight indications noticed in the observations of Yap and Guam for the 6th to 8th of this month. The center of the typhoon was situated at 6 a. m. of the 10th near 15° latitude N and 130° longitude E, and its direction was then NW. In the afternoon of the 11th the typhoon inclined westward, the Balintang Channel being traversed by the cyclonic center on the 12th in a direction almost due west. It would seem that this direction was kept up to the 14th when, the center being situated near 20° latitude N and 116° longitude E, the typhoon inclined suddenly NW and NNW thus going to pass quite unexpectedly near Hongkong in the morning of the 15th.



#### DEPRESSION OR TYPHOON OF AUGUST 14 TO 19, 1918.

The observations from Yap and Guam seem to show this depression or typhoon as forming on the 14th between the two stations, near 141° longitude E and 11° or 12° latitude N. Very probably it moved WNW until the 17th when it began to recurve northward about 500 miles to the east of Luzon. The typhoon, after having recurved northeastward, seems to have filled up on the 19th or 20th near 20° latitude N and 128° longitude E.

TYPHOON OF FORMOSA AUGUST 23 TO 26, 1918.

The existence of this typhoon about 400 miles to the east of the northernmost part of Luzon was shown by the observations made on the 23rd in the Loochoos and the Philippines. The storm moved in a NW direction on the 23rd, and WNW on the 24th, crossing the southern part of Formosa during the night of the latter day. According to a report received from the Director of Taihoku Observatory, although the barometric minimum for several stations of Formosa was below 740 mm., yet "the damage done was relatively small as the rainfall was not heavy." The typhoon entered China very close to the south of Amoy in the evening of the 25th.

TWO TYPHOONS, AUGUST 23 TO 31 AND 26 TO 28, 1918.

According to a report received from the Commanding Officer of the U. S. S. Caesar, the first of these typhoons was probably formed already on the 23rd, between 160° and 165° longitude E and between 15° and 20° latitude N. At 2 p. m. of the 25th the center of this typhoon was situated in about 18° or 19° latitude N and 156° or 155° longitude E. The observations of Guam can hardly agree with those of the Bonins unless we admit that simultaneously with this typhoon a secondary depression or typhoon was formed on the 26th to the northeast of Guam near 150° longitude E and 16° latitude N, as it is shown in Plate VI. This secondary typhoon passed about 200 or 250 miles to the north of Guam on the 26th and probably filled up on the 28th near 18° latitude N and 138° or 139° longitude E, while the other was 300 miles to the south of the Bonins on the 27th moving WNW, then recurved northeastward on the 28th and 29th between 132° and 133° longitude E, and crossed the central part of Japan moving NE on the 30th.

#### NOTAS GENERALES DEL TIEMPO.

Presión y temperatura.—La presión atmosférica media de este mes es para todas nuestras estaciones algo mayor que la del año pasado y que la normal de agosto. Las presiones más altas se registraron el día 1 en Luzón, y el 1 ó 4 en Visayas y Mindanao.

La temperatura media mensual es, con muy raras excepciones, ligeramente menor que la normal y que la media de agosto de 1917. Las temperaturas máxima y mínima del mes en Manila fueron 32.4° C. y 22.2° C., las cuales se observaron los días 2 y 6, respectivamente. Las temperaturas extremas del mes en Baguio fueron 24.8° C., 13.2° C. en la cumbre del Mirador, y 25.9° C., 13.0° C. en el valle.

Precipitación acuosa.—La cantidad mensual de lluvia fué menor que la normal y que la lluvia total de agosto de 1917, en Mindanao y en unas pocas estaciones de Luzón y Visayas, pero fué mayor en la gran mayoría de nuestras estaciones de Luzón y Visayas. La lluvia total del mes en Manila fué 483.7 mm., cantidad que difiere de la del año pasado en +124.3 mm. y de la normal de agosto en +120.3 mm. Baguio fué una de las pocas excepciones en Luzón; sólo recogió durante el mes 544.0 mm., cantidad que es menor que la normal de este mes en 545.6 mm. y menor también que la lluvia total de agosto de 1917, en 133.4 mm.

#### DEPRESIONES Y TIFONES.

Durante este mes hubo en el Extremo Oriente seis tifones, de los cuales uno solo cruzó las Islas Filipinas a través del Canal de Balintang. Damos sus trayectorias en la Lámina VI.

EL TIFÓN DE 31 DE JULIO A 10 DE AGOSTO, 1918.

Este fué un tifón bien desarrollado que apareció al NE de Guam el 31 de julio, cerca de 150° longitud E y 17° ó 18° latitud N. Se movió al WNW hasta la mañana del día 2 en que empezó a inclinarse al N. Desde la tarde del 3 hasta la del 5 el tifón se movió casi directamente al N por el E de las Islas Volcano y Bonin, no lejos de 143° longitud E. Volvió a moverse al WNW desde la tarde del día 5, y así llegó a la parte SW de Japón el día 8.

#### EL TIFÓN DEL CANAL DE BALINTANG: AGOSTO 6 AL 16, 1918.

La primera parte de la trayectoria de este tifón hasta las 6 a. m. del día 10 se da sólo como probable, pues se funda únicamente en ligeras indicaciones que se echan de ver en las observaciones de Yap y Guam correspondientes a los días 6, 7 y 8 de este mes. El centro del tifón se hallaba a las 6 a. m. del día 10 cerca de 15° latitud N y 130° longitud E, moviéndose entonces en dirección al NW. La tarde del 11 el tifón se inclinó al W, atravesando el Canal de Balintang el día 12 en dirección casi exactamente W. Parece que el tifón conservó esta dirección hasta el 14, cuando, hallándose el centro cerca de 20° latitud N y 116° longitud E, se inclinó súbitamente al NW y NNW, yendo así a pasar muy inesperadamente cerca de Hongkong la mañana del 15.

## LA DEPRESIÓN O TIFÓN DEL 14 AL 19 DE AGOSTO, 1918.

Las observaciones de Yap y Guam parecen indicar que esta depresión o tifón se estuvo formando el día 14 entre estas dos estaciones cerca de 141° longitud E y 11° ó 12° latitud N. Muy probablemente se movió al WNW hasta el 17 en que empezó a recurvar al N a unas 500 millas al E de Luzón. El tifón, después de haber recurvado al NE, parece haberse deshecho el 19 ó 20 cerca de 20° latitud N y 128° longitud E.

#### EL TIFÓN DE FORMOSA, AGOSTO 23 AL 26, 1918.

Las observaciones de Loochoos y Filipinas del día 23 señalaban claramente la existencia de este tifón a unas 400 millas al E del extremo septentrional de Luzón. El temporal se movió en dirección al NW el 23, y al WNW el 24, atravesando la parte meridional de Formosa durante la noche de este último día. Según una nota recibida del Director del Observatorio de Taihoku, aunque la mínima barométrica en varias estaciones de Formosa fué menor de 740 mm., con todo "el daño causado fué relativamente poco, pues la lluvia no fué abundante." El tifón penetró en China muy cerca y por el S de Amoy la noche del 25.

## DOS TIFONES DE AGOSTO 23 AL 31 Y 26 AL 28, 1918.

Según las observaciones recibidas del Comandante del vapor americano Caesar, el primero de estos tifones ya estaba formado probablemente el día 23, entre 160° y 165° longitud E y entre 15° y 20° latitud N. El centro del tifón se hallaba a las 2 p. m. del 25 en los alrededores de 18° ó 19° latitud N y de 156° ó 155° longitud E. Los observaciones de Guam apenas concuerdan con las de Bonins si no se admite la existencia simultánea con este tifón de otra depresión o tifón secundario que se formó el 26 al NE de Guam cerca de 150° longitud E y 16° latitud N, como se ve en la Lámina VI. Este último pasó a unas 200 ó 250 millas al N de Guam el 26 y se deshizo probablemente el 28 cerca de 18° latitud N y 138° ó 139° longitud E, al paso que el otro pasó a unas 300 millas al S de Bonins el 27 moviéndose al WNW, recurvó luego al NE el 28 y 29 entre 132° y 133° longitud E, y cruzó la parte central de Japón moviéndose al NE el día 30.

## METEOROLOGICAL DATA FOR MANILA CENTRAL OBSERVATORY.

[ $\phi$ =14° 84′ 41" N;  $\lambda$ =120° 58′ 33" E; barometer above sea, 14.2 meters; gravity correction not applied, -1.72 mm.]

|                                   |  | Air to   | empera  | ture. b   |  | Unde  | rgrou   | nd temp  | erature  | •  |  |   | Rad   | liation.   | Evapo   | ration.  |
|-----------------------------------|--|--|---|---|--|---|---|--|--|--|--|---|---|--|---|--|
| Day.                              | Pressure (mean).   | Mean.  | Maxi-<br>mum.   | Mini-<br>mum.   | 0. 25 n  |   |   | meter.   |  | 2.50<br>meters.<br>8 a. m.   | Relative humidity (mean).  | Vapor<br>pres-<br>sure<br>(mean).   | Mini-<br>mum<br>on<br>grass.  | sun.<br>Black<br>bulb in   | posure<br>(to   | Shelter<br>(total)   |
| 1                                 | 59, 25<br>59, 51<br>58, 59<br>58, 59<br>58, 40<br>56, 40<br>56, 47<br>56, 17<br>56, 17<br>56, 29<br>57, 18<br>57, 25<br>57, 17<br>57, 89<br>57, 17<br>58, 27<br>57, 41<br>55, 44<br>55, 42<br>57, 41<br>55, 48<br>57, 41<br>55, 48<br>57, 41<br>55, 48<br>57, 41<br>57, 41<br>58, 57, 41<br>58, 57, 41<br>58, 57, 41<br>58, 57, 41<br>58, 57, 41<br>58, 57, 41<br>58, 57, 41<br>58, 57, 41<br>58, 57, 41<br>58, 57, 41<br>58, 57, 41<br>58, 57, 41<br>58, 57, 57, 58 | 26. 7 26. 7 27. 9 27. 6 28. 2 27. 6 28. 2 27. 6 28. 2 27. 6 28. 2 26. 9 26. 9 26. 4 26. 9 26. 9 26. 8 26. 9 27. 26. 9 27. 26. 26. 9 27. 26. 26. 9 27. 26. 26. 9 27 | °C. 31.8 32.4 31.9 31.7 31.6 31.5 31.6 31.3 30.2 26.1 30.3 31.5 31.5 31.5 31.5 31.5 31.5 31.5 31  | °C. 23 22.6 3 22.6 3 23.4 7 23.7 7 24.5 4 27 22.5 5 23.5 22.3 22.5 24.5 1 24.5 1 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5  | C. 28.9 9 28.5 5 29.5 5 28.8 7 7 7 7 7 8 9 2 8 8 8 5 5 5 1 9 8 8 7 7 7 7 8 9 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | oC.<br>29. 7<br>29. 7<br>29. 9<br>30. 2<br>30. 5<br>30. 4<br>30. 5<br>30. 7<br>30. 5<br>30. 7<br>30. 5<br>27. 8<br>27. 8<br>227. 8<br>228. 9<br>29. 2<br>29. 2<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5 | 29. 2 29. 2 29. 2 29. 6 29. 9 8 30. 1 1 28. 2 29. 8 30. 1 1 28. 2 29. 8 29. 8 29. 8 29. 8 29. 4 29. 5 29. 5 29. 5 29. 5 29. 7 6 29. 7 6 | 29. m.<br>29. 3<br>29. 4<br>29. 5<br>29. 8<br>30. 1<br>30. 2<br>30. 2<br>29. 3<br>30. 2<br>29. 3<br>20. 3<br>20. 2<br>20. 3<br>20. 2<br>20. 3<br>20. 2<br>20. 3<br>20. 2<br>20. 3<br>20. 2<br>20. 3<br>20. 2<br>20. 3<br>20. 2<br>20. 3<br>20. 2<br>20. 3<br>20. 2<br>20. 3<br>20. 2<br>20. 3<br>20. 2<br>20. 3<br>20. 2<br>20. 3<br>20. 2<br>20. 2<br>20. 3<br>20. 2<br>20. 2<br>20. 2<br>20. 3<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 3<br>20. 2<br>20. 2<br>20. 2<br>20. 3<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>2 | °C. 29. 11<br>29<br>29<br>29<br>29 29<br>29. 1<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. | C. 28. 2 28. 2 28. 2 28. 2 28. 2 28. 2 28. 2 28. 2 28. 2 28. 2 28. 2 28. 3 28. 4 28. 2 28. 3 28. 4 28. 2 28. 3 28. | Per et. 85.4 85.9 83.3 81.1 82 81.6 6 79.6 85.5 99.5 7 86.8 88.8 9 87.8 88.8 87.8 88.8 90.1 90.9 88.8 88.5 87.5 87.5 92 90.5 4 88.8 87.5 87.5 87.5 87.5 87.5 87.5 87.5 | mm. 21.9 22.26 22.4 22.3 22.27 23.2 21.5 21.1 21.9 22.6 23.1 22.5 21.2 21.5 22.4 22.5 22.4 22.5 22.4 22.5 22.1 21.5 21.9 22.6 | °C. 21.2 20.6 21.3 22.2 22.2 22.2 23.3 23.6 23.6 22.6 4 22.3 21.9 20.6 8 22.4 24.2 22.6 24.2 22.7 22.7 22.7 22.7 22.7 22.7 22.7 | vacuo.   |   | mm.<br>2.1 2.61 3 3 98 1.5578.5578.1.56 8794.2874.1.1.66 8794.1.1.74         |
| Mean Total  Departure from normal | 757. 89  | 26. 5<br>————————————————————————————————————  | 30. 5   | 23. 5<br>-0. 2  | 28.7   | 29. 4   | 29.3  | 29. 4  | 29. 2  | 28. 2  | 87. 5<br>  | 22. 3<br>-0. 1  | 22. 5   | 51.4   | 2.8<br>86.7   | 1.8<br>57.1  |
| Day.                              | Prevailin<br>direction   | g To   | otal h  | our- at   | rirection the time of the maximus relocity   | me in   | (mean).   | Form a   | and direc  | ower.  | Sun-<br>shine.   |   |   | a. m.  | <b>M</b> iscellar   | neous.   |
| 11                                | SE E quad. WSW SW SW SW SW quad SSW, SW SW SW SW SE quad. E quad. NE, WSV SW SW SW SW SW SW SW SW SW SW SW SW SW   | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | 138.5   11.43.5   12.53.6   12.53.6   12.55.6 | 88 8. 5 5 6. 5 7 7 5 5 0. 5 1 3 0 4 4 4 5 5 8 5 9 3 5 9 3 5 9 5 9 | WWWWSWSWSWWSWSSWWSWWSWSSWWSWWSWSSWSSWSS  | 0-10<br>8.<br>8.<br>6.<br>7.<br>2.<br>2.<br>5.<br>7.<br>5.<br>9.<br>10<br>10<br>10<br>10<br>9.<br>8.<br>8.<br>7.<br>8.<br>8.<br>8.<br>8.<br>8.<br>8.<br>8.<br>8.<br>8.<br>8.<br>8.<br>8.<br>8.  | Section   | EN Cu. R quare Cu. N -SSSSSCu. WN Cu., CiCu. E, V Cu. SCuSCuSCuSCuSCuSCuCuSCuCuCuCuCuCuCuCu  | S. Cu., Cu., Cu., Cu., Cu., Cu., Cu., Cu.  | W<br>WSW<br>an. whys<br>WSW<br>E, ESE<br>an. nw<br>N. wsw<br>W, wsw<br>WSW<br>SW   | h. m 2 58 8 56 8 00 10 38 10 38 10 00 8 08 10 10 10 55 2 3 34 5 6 00 3 45 6 00 3 45 5 50 6 25 6 25 6 25 6 25 6 25 6 25 6 30 6 15 6 30 6 4 46 6 4 46                    | 6 6 3 3 3 5 5 5 5 135 5 135 138 18 18 18 18 18 18 14 1 4 1 4 1 4 1 4 1  | 9 8 7 14 1 1 7 1 1 1 7 1 1 1 7 1 1 1 7 1 1 1 1  | 7.4<br>7.4<br>3.3<br>3.3<br>3.3<br>4.3<br>3.7<br>4.3<br>7.7<br>3.9<br>4.3<br>6.5<br>7.7<br>4.8<br>4.9<br>4.9<br>4.9<br>4.9<br>4.9<br>4.9<br>4.9<br>4.9 | 3 p. p. p. a. a. p. p. a. a. p. p. a. da. da. da. da. da. da. da. da. da. | p. 2 <sup>n</sup> ° p.  p. 2 p. 2 p. 2 p. d p. 2 p. 2 p. d p. 1 p. 2 p. 1 p. |
| Mean                              |  | 7,9  | 57.2 2<br>74  | 4. 5  |  | 8.2   | 2   |  |  |  | 4 46<br>147 50   |   | 7 50  | 0.7  |   |  |
| from normal                       | •  | 1, 4   | 76. 2   |   |  | +0.8  | 3   |  |  |  | +5 59  | +120.   | 3   |  |   |  |

<sup>&</sup>lt;sup>a</sup> All the mean values given in this table are deduced from hourly observations.

<sup>b</sup> These values are taken from instruments mounted in the Observatory Park, 1.5 meters above ground.

# METEOROLOGICAL DATA FOR MIRADOR OBSERVATORY, BAGUIO.ª

[ $\phi$ =16° 25′ N;  $\lambda$ =120° 86′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, -1.65 mm.]

|   |  |  |  |  |  |  | at Mira<br>mount  |   |   | mperatu<br>near the   |   |  |  |   | Ra  | diation.   | Evapo   | ration.  |
|---|--|--|--|--|--|--|---|---|---|---|---|--|--|---|---|--|---|--|
| 1   |  | Day.   | sure b   | Mean.  |  | Hour.  |   | Hour.   |   | Hour.   |   | Hour.  | tive<br>humid-<br>ity  | pre   | es-<br>mu<br>n).  | mum<br>in sun.<br>Black<br>bulb<br>in va-  | ex-<br>posure   | Shel-<br>ter<br>(total)  |
| Day.   Prevailing direction.   Total  | And the second s | 2  | 687. 50<br>36. 78<br>36. 68<br>37. 11<br>37. 06<br>36. 49<br>36. 38<br>36. 51<br>36. 35<br>33. 34. 10<br>32. 44<br>42. 86<br>34. 98<br>36. 60<br>37. 25<br>36. 83<br>35. 12<br>35. 89<br>36. 01<br>35. 43<br>35. 43<br>35. 43<br>35. 43<br>35. 43<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. 28<br>35. | 17. 4<br>17. 1<br>17. 5<br>17. 8<br>17. 6<br>17. 3<br>17. 3<br>18. 2<br>18. 8<br>16. 7<br>16. 3<br>16. 2<br>16. 4<br>18. 3<br>17. 8<br>17. 8<br>17. 6<br>17. 6<br>17. 6<br>18. 3<br>17. 8<br>17. 6<br>17. 6<br>18. 3<br>17. 8<br>17. 4 | 22. 7<br>20. 8<br>21. 9<br>22. 9<br>22. 6<br>22. 3<br>24. 8<br>23. 5<br>22. 8<br>20. 17. 7<br>17. 7<br>17. 2<br>22. 8<br>23. 3<br>22. 1<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>23. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22 | 1. 55p. Noon Noon 1. 05p. Noon 1. 05p. Noon 1. 25p. 0. 40p. 2. 00p. 1. 25p. 0. 40p. 2. 00p. 10. 00a. 3. 25p. 0. 10p. 0. 05p. 0. 05p. 0. 05p. 0. 05p. 0. 05p. 0. 10p. 0. 20p. 1. 35a. 1. 40p. 11. 35a. 11. 05a. 11. 05a. 11. 05a. 11. 05a. 11. 05a. 11. 05p. 0. 20p. 0. 20p. 0. 20p. 10. 35a. | 15. 2<br>15. 1<br>14. 8<br>14. 6<br>13. 2<br>14. 6<br>15. 8<br>15. 2<br>14. 9<br>15. 4<br>15. 3<br>15. 4<br>16. 8<br>15. 4<br>16. 5<br>16. 4<br>16. 5<br>16. 4<br>16. 5<br>16. 4<br>16. 5<br>16. 4<br>16. 5<br>16. 4<br>16. 5<br>16. 4<br>16. 5<br>16. 4<br>16. 5<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6 | 4. 45a. 6. 00a. 6. 00a. 4. 00a. 4. 00a. 4. 25a. 5. 40a. 7. 20p. 6. 3 a. 10. 00p. 5. 20a. 11. 20p. 4. 25a. 3. 50a. 1. 40a. 5. 00a. 4. 10a. 5. 00a. 5. 00a. 6. 35a. 6. 35a. 6. 35a. 6. 35a. | 22. 9<br>21. 4<br>22. 3<br>23. 4<br>23. 5<br>22. 4<br>24. 7<br>23. 6<br>21. 2<br>21. 2<br>21. 2<br>21. 2<br>23. 6<br>20. 6<br>20. 6<br>23. 7<br>23. 6<br>22. 6<br>20. 6<br>23. 7<br>24. 1<br>25. 9<br>22. 6<br>22. 8<br>22. 6<br>22. 8<br>22. 6<br>22. 6<br>23. 6<br>23. 6<br>23. 6<br>24. 7<br>25. 6<br>26. 6<br>27. 6<br>28. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6 | 4.00p. 2.50p. 2.50p. 2.45p. 0.40p. 0.40p. 0.05p. 1.00p. 1.00p. 1.55a. 3.30p. 1.35p. 1.35p. 1.35p. 1.35p. 1.35p. 1.15p. Noon 0.45p. 1.05p. 1.05p. 1.05p. 1.05p. 1.05p. 1.10p. 1.05p. 1.05p. 1.05p. 1.05p. 1.05p. 1.05p. 1.05p. 1.05p. 1.00p. 1.00p. 1.00p. 1.00p. 1.00p. 1.00p. 1.00p. | 15.5   14.6   15.7   14.5   15.7   15.5   15.6   15.2   15.8   14.9   15.8   15.9   15.8   15.9   15.8   15.2   15.8   15.9   15.8   15.2   15.8   15.2   15.8   15.2   15.8   15.2   15.8   15.2   15.8   15.2   15.8   15.2   15.8   15.2   15.8   15.2   15.8   15.2   15.8   15.2   15.8   15.2   15.8   15.2   15.8   15.2   15.8   15.2   15.8   15.2   15.8   15.2 | 8. 00a. 6. 10a. 7. 35a. 5. 30a. 5. 30a. 5. 15a. 0. 05a. 5. 55a. 12 m. n. 10. 45p. 4. 20a. 3. 00a. 5. 35a. 6. 30a. 12 m. n. 5. 15a. 6. 30a. 12 m. n. 5. 15a. 4. 10a. 2. 00a. 1. 10a. 4. 40a. 3. 10a. 12 m. n. 6. 00a. 12 m. n. 6. 00a. 12 m. n. 6. 00a. | 88. 3<br>84. 33. 7<br>85. 87. 8<br>86. 8<br>90. 5<br>93. 3<br>97. 2<br>98. 8<br>97. 2<br>96. 7<br>91. 8<br>92. 7<br>94. 3<br>99. 5<br>92. 7<br>94. 3<br>99. 2<br>96. 8<br>92. 7<br>94. 3<br>95. 8<br>97. 2<br>98. 8<br>99. 5 | 133   122   123   134   134   134   134   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144   145   136   137   138 | 14 13 13 13 14 13 13 14 15 15 17 14 15 15 17 14 15 17 16 17 17 16 17 17 16 17 17 17 17 17 17 17 17 17 17 17 17 17 | .5   51. 2   43   43   56. 7   55. 66   55. 66   55. 66   57. 3   57. 57. 55   57. 57. 57. 57. 57. 57. 57. 57. 57. 57.   | 2.5<br>3.8<br>3.1<br>3.3<br>3.2<br>7<br>1.1<br>0<br>0<br>0<br>0<br>0.1<br>9<br>2.7<br>7.7<br>5<br>1.9<br>2.7<br>2.4<br>2.2<br>2.8<br>9  | .55<br>.76<br>0<br>0<br>0<br>1.22<br>.76<br>0<br>0<br>.55<br>0<br>4<br>1<br>1.1<br>1.3<br>1<br>3.5 |
| Day.   Prevailing direction.4   |  |  |  | 17. 4  | 22.1   |  | 15.1  |   | 22.6  |   | 15. 1   |  | 92. 4  | 13.   | . 6 13.   | 8 54.6   | 1.3   | 0.7  |
| Day.   Prevailing direction.d   Total movement.   Total movement.   Total movement.   Prevailing direction.d   Total movement.   Direction tour street the velocity.   Prevailing direction.d   Prevailing at the time velocity.   Prevailing direction.   Direction tour movement.   Direction direction.   Direction tour movement.   Direction direction.   Direction dir | -  | Total  |  |  |  |  |   |   |   |   |   |  |  |   |   |  | 39.6  | 20.9   |
| Day   Prevailing direction.d   Total move ment.   Provided   Pr |  |  |  | 1  | Win  | 1 .  |   |   |   | Clo   | uds.  |  |  |   | D - 1 - 04  |  |   |  |
| 1   |  | Day.   |  | on d   | mov <b>e-</b>  | mum<br>hour-<br>ly<br>veloc-   | at the ti<br>of the<br>maximu   | me m (mean  |   |   | nd dire   |  |  |   | hours<br>begin-<br>ning   |  | ellaneou  | 8.   |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$  | The second secon | 3<br>4<br>5<br>6<br>7<br>8<br>8<br>9<br>10<br>11<br>11<br>12<br>13<br>14<br>15 | SE<br>SW, SW, SW, SW, SE<br>SE   | w<br>w<br>s  | 208. 4<br>224. 7<br>306. 2<br>501. 8<br>426. 6<br>348. 1<br>e228. 2<br>303. 1<br>278. 9<br>270<br>395. 2<br>498. 6<br>375. 8<br>400. 6   | 16. 4<br>14. 7<br>22<br>34. 9<br>25. 9<br>24. 4<br>23. 8<br>24. 6<br>20. 4<br>23. 8<br>36. 4<br>28. 5<br>32. 4<br>42. 4  | E<br>SW<br>W<br>W<br>W<br>SW<br>SW<br>SSW<br>SE   | 9.9<br>9.4<br>9.7<br>5.6<br>4.3<br>6.6<br>9<br>5.7<br>9.1<br>10<br>10   | CiS<br>CiS<br>CiS<br>CiS<br>CiS<br>CiS<br>CiS   | S. S. ES Eby S., Ci.  | E Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu C  | -N. Si<br>-N. Si<br>-N. Si<br>-N. Wi<br>-N. Wh<br>-N. Wh<br>-N. Wh<br>-N. Wi<br>-N. Wi<br>-N. Wi   | SE SW SSW SSW SSW SSW SSW SSW SSW SSW SS   | 2 20<br>40<br>2 20<br>3 25<br>5 55<br>5 25<br>2 30<br>5 25?<br>4 15<br>0 00<br>0 00<br>0 00<br>1 45   | 2.5<br>1.3<br>2.8<br>7.1<br>17.3<br>71.5<br>80.6<br>43.4<br>2.6<br>1.3  | d° a. □° a. □° a. □° □ p. □² a. d° □° □² a. □² | © p.  | (  |
| m.t.)   |  | 17   | W qua<br>W W<br>NE, V<br>W, E<br>W, NV<br>W qua<br>E<br>E<br>E<br>SE, F<br>SE  | W<br>W<br>W<br>w   | 226. 9<br>315. 3<br>308. 2<br>239. 4<br>175. 8<br>192. 1<br>187. 2<br>237. 9<br>240. 8<br>197. 4<br>345. 8<br>339<br>274. 9<br>278. 6  | 29.8<br>30.3<br>25.9<br>25.4<br>14.2<br>19.8<br>15.9<br>21.9<br>18<br>15.6<br>21.2<br>21.7<br>22<br>24.7<br>28.5   | SWWWWWSEESESESE   | 8 8.3<br>9.9 9.1<br>8.9 8.3<br>8.7 6.9<br>9.3 3<br>7.1 8.4<br>8.3 9.9   | CiS<br>CiS<br>CiS<br>CiS<br>CiS<br>CiS<br>CiS<br>CiS<br>CiS<br>CiS  | S. S. S. S. S. NNV S. S. Vu. Nu. Su. Eu. ACu.   | Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>Cu<br>C   | . E  | SE   | 2 40<br>2 35<br>50<br>10<br>40<br>55<br>6 00<br>6 30<br>55<br>25<br>10<br>20?   | 18. 5<br>5. 2<br>74. 2<br>27. 7<br>12. 2<br>4. 8<br>31. 3<br>3. 1<br>25. 2<br>6. 4<br>20. 4<br>3. 8<br>21. 9      | \( \extbf{a}\) a, \( \extbf{a}\)         \( \extbf{a}\) a. \( \extbf{a}\)         \( \extbf{a}\) a. \( \extbf{a}\)         \( \extbf{c}\) a. \( \extbf{a}\)         \( \extbf{c}\) a. \( \extbf{a}\)         \( \extbf{c}\) a. \( \extbf{c}\)         \( \extbf{c}\) a. \( \extbf{d}\)         \( \extbf{c}\) a. \( \extbf{d}\)         \( \extbf{c}\) a. \( \extbf{d}\)         \( \extbf{c}\) a. \( \extbf{d}\)         \( \extbf{c}\) a. \( \extbf{d}\)         \( \extbf{c}\) a. \( \extbf{d}\)         \( \extbf{c}\) a. \( \extbf{d}\)   | $\begin{array}{c} \mathbf{p}. \\ \mathbf{q} \bullet \circ \\ \mathbf{p}. \\ \mathbf{a}. \mathbf{p}. \\ \mathbf{a}. \mathbf{p}. \\ \mathbf{a}. \mathbf{p}. \\ \mathbf{a}. \mathbf{p}. \\ \mathbf{q}. \\ \mathbf{p}. \\ \mathbf{q}. \\ \mathbf{p}. \\ \mathbf{q}. \\ \mathbf{p}$ | p.<br>□ 2 p.<br>□ 0 p.<br>○ p.<br>○ p.   |
| ,   |  | !  |  |  |  | 24.2   |   | 8.3   | -   |   |   |  | 3  |   | 544   |  |   |  |

a All the mean values given in this table are deduced from six daily observations taken at 2, 6, 10 a. m. and 2, 6, 10 p. m.
 b The barometric readings of this station are not reduced to sea level.
 c Maximum of hourly observations taken from 6 a. m. to 6 p. m.
 d This element is based on hourly observations taken from a quadruple register, which gives only eight possible directions of the wind.
 c 4 hours missing.

#### DAILY RAINFALL AT THE STATIONS OF THE WEATHER BUREAU, AUGUST, 1918.

| Station.   |              |               |              |       |      |             |              | Day of       | mont               | h.              |                 |                 |                  |  |                |                |
|--|--------------|---------------|--------------|-------|------|-------------|--------------|--------------|--------------------|-----------------|-----------------|-----------------|------------------|--|----------------|----------------|
| Station.   | 1.           | 2.            | 3.           | 4.    | 5.   | 6.          | 7.           | 8.           | 9.                 | 10.             | 11.             | 12.             | 13.              | 14.  | 15.            | 16.            |
| T.1  | mm.          | mm.           | mm.          |       | mm.  | mm.         | mm.          | mm.          | mm.                | mm.             | mm.             | mm.             |                  | mm.  | mm.            | mm             |
| Jolo<br>Isabela, Basilan                                 | 8.6          | 8.2           |              | 2.5   |      |             |              |              | 2.8                | 22.3            | 1.3<br>4.1      | 1.5             | 15. 2            | 43. 7<br>5. 6                                | 0.5            | 3              |
| Basilan Plantation, Isabela (Ba-                         |              |               |              |       |      |             |              |              |                    |                 |                 |                 |                  |  |                |                |
| silan) Officea<br>Zamboanga                              |              |               |              | 1     |      |             |              |              | 1.8                | 20.3            | 5.1             | 7.6             | 13. 7            | 7.6  |                |                |
| Davao  |              | ļ             |              |       |      | 39. 4       |              | 3.8          | 1.3                |                 | 8.1             | 31.7            | 2.5              | 3.8  |                |                |
| Cotab ito  | 14.9         | 2.8           | 30           | 1.3   | 8.6  |             | 16           | 5.3          | 18.5<br>34.5       | 19.8<br>1.8     | 3.3<br>6.9      |                 |                  | 14.2   | 9.7<br>13      | 6.0            |
| Camp Keithley, Lanao<br>Cagayan, Misamis                 |              |               |              |       |      |             |              |              |                    | 40.6            | 5.3             |                 |                  |  | 6.4            |                |
| Dapitan<br>Ampayon, Butuan, Agusana                      |              | 1             | .3           |       | 10.2 |             | 3.8          | 3            | 1 3                | 28. 9           | 7.1             | 24.4<br>39.1    | 7. 1<br>58. 2    | 13   | 78<br>1.3      | 2              |
| Butuan   |              | .3            |              |       |      |             | 9.7          |              | 2.8                |                 | 10. 1           | 26. 2           | 43.4             | 5.1  | 1              |                |
| Mambajao<br>Dumaguete                                    |              |               | 2.8          |       | 1.3  |             |              |              | 5. 6               | 7. 6<br>7. 3    | 8. 1            |                 | 3.8              | 9.9  | 1.3<br>10.7    |                |
| Yap, Western Carolines                                   | 6.9          | 3.3           | 2.5          |       | 7.4  |             | 19.6         | 15. 5        | .3                 | .5              | 16.8            | 26              | 34.5             | 1  | 1.5            |                |
| Tagbilaran<br>Iwahig                                     | 6.1          | 15. 7         | 7.4          | 2.1   | 10.8 |             | 1.7          | 5.3          | 10.7               |                 |                 |                 | 1.3<br>1.5       | 20.9   | 8.2            | 15.<br>18.     |
| Surigao  |              | 1.5           | 1.8          |       |      |             | .5           | 19.3         | 4.3                | .7              | .5              | 8.4             | 1. 0             | 1.3  | 11.9           | 10.            |
| Maasin   | 4.8          |               | 16.5         |       |      | :           |              |              |                    | 41.2            | 19.8            | 34              |                  |  |                |                |
| Cebu<br>La Carlota, Occidental Negrosa                   | 9.1          | 2             | 2.5          |       |      | . 5         | 13. 2        | 6.6<br>14.7  | 18<br>27. 9        | . 5<br>35. 5    | 13<br>39. 1     | 6.6             | .5               | 10. 2<br>8. 1                                | 15.8<br>5.4    | 2<br>2.        |
| lloilo   |              |               |              |       |      |             |              | 2.3          | 4.6                |                 | 99.2            | 25. 1           | 3.8              | 1  | 3.3            |                |
| San Jose Buenavista                                      |              |               |              |       |      | . 3<br>5. 6 | 1            | .8<br>4.6    | 15.7               |                 | 107.7<br>105.4  | 43.4            | 111<br>156. 2    | 8. 9<br>22. 9                                | 6.1            | 14.            |
| Lucena, Iloiloa  |              |               |              |       |      | 0.0         | 5. 6         | 6. 9         | 14<br>8. 9         |                 | 27.2            | 92.7            | 2.8              |  | . 5<br>52. 8   | 25.            |
| Ormoc  | 1.3          | . 3           |              |       |      |             |              | 9.4          | 13.2               | 22.6            | 29.7            | 17.3            |                  | 7.4  | 38.4           | 3.<br>35       |
| Guiuan<br>Dueñas, Iloiloª                                | 1            |               | 4.1          |       | 1.3  | 2.5         | 8.1          | 1.8          | 17<br>7.6          | 16.8            | 14.2<br>24.1    | 40.9            | 33. 5            | 11.1   | 15.8<br>21.9   | 35.            |
| Bitaogan, Iloilo (Railroad Iloilo                        | i            | 1             |              |       |      |             |              |              |                    |                 |                 |                 |                  |  |                |                |
| to Capiz) a Lapus, Iloilo (Railroad Iloilo to            |              | .8            |              | 4.1   | 7.4  | 13.5        |              | 2            | 1.8                | 1               | 20.3            | 10. 1           | 12. 9            |  | 57.9           |                |
| Capiz) a   |              |               |              |       |      |             |              | 2            | 2.8                |                 | 75.7            | 15. 2           | 1.8              | .5   | 3.8            |                |
| Tacloban<br>Dumarao, Capiza                              |              | 10.2          | 96 6         |       |      | 1 0         | . 3          |              | 2.3                | 19.9            | 6.1             | 1.5             |                  | 1  | 25.7           | 11.            |
| Dao, Capiza  |              | 51.1          | 36.6<br>27.9 | 9.1   | 1    | 1.3         |              |              | 4.6<br>1.3         | 10.2<br>4.3     | 16. 8<br>7. 6   | 13. 2<br>5. 1   | 7.1<br>1.5       | $\frac{2.5}{12.7}$                           | 52. 1<br>12. 2 | 2.             |
| Capiz  |              |               |              |       |      |             |              |              |                    | .3              | 6.9             | 2.3             | 1.1              | 17. 1  | 2.8            |                |
| Borongan<br>Catbalogan                                   | 2<br>10.6    | .8            | 19.8         |       |      |             | 2.3          | 1.8<br>32.2  | 17.6               | 13<br>124. 2    | 9.7             | .3              |                  | 30<br>1                                      | 12. 2<br>22. 3 | 27.<br>3.      |
| Calbayog   | 18.3         | 1.3           |              |       |      |             |              | 1            | 3. 5               | 17.4            | 22.1            | 23. 9           |                  | 2.5  | 24.1           | 16.            |
| Masbate  | 51.1         |               | 23.9         | 4.8   | 15.2 |             |              | 14.8         | 10.7               | 71.9            | 8.9             | 2               | 11.2             | 31.5   | 12.4           | 5.8            |
| Mindoroa   | 1            |               |              |       |      |             |              |              | 2                  | 19. 1           | 28.4            | 49.5            | 73.4             | 12, 7  |                | <b>-</b>       |
| oan Jose Estate. Tamaraw Plan-                           |              |               |              |       | !    |             |              |              | -                  |                 |                 |                 |                  |  |                |                |
| tation, Mindoros<br>San Jose Estate, San Agustin,        | 1            |               |              |       |      |             |              |              |                    |                 | 42.9            | 96.5            | 55. 9            | 31.5   |                |                |
| Mindoro a  |              |               |              |       |      |             |              | 5. 1         | 7.6                | 16.5            |                 | 92.9            | 49.8             | 20.5   |                |                |
| San Jose, Mindoroa<br>San Jose Estate, Tunnel D-12.      |              | .5            |              |       |      |             |              | 2.5          |                    | 22.4            | 16.5            | 72.9            | 53.8             | 16.8   |                | 4.             |
| Mindoroa   |              |               | İ            |       |      |             |              | 10.2         | 1.3                | 25. 1           | 20.1            | 73.7            | 57.1             | 14.7   |                | 15.7           |
| Rombion  | 1            | ·             |              |       |      |             |              |              |                    |                 | 3.6             | 34.8            | 3.2              |  | 2              | 14             |
| Batag<br>Sorsogon  | 9.4          |               |              |       |      |             |              | 9.9          | 63. 5              | 23.6<br>51.1    | 17.8<br>32.3    | 2.8<br>13.5     | 8.4              | $\frac{22.1}{2.3}$                           | 34<br>8.1      | 25.            |
| Legaspi  | l            |               |              |       |      |             |              | . 5          | 15. 2              | 43.7            | 12.3            | 23.3            | 4.1              |  | 2              | 9. 9           |
| San Miguel Estate, San Miguel<br>Island, Tabaco, Albayab |              |               |              |       | l    |             |              | 3.3          | 14.2               | 10.4            | 23.9            | 14.2            | 1                | 9.1  | 4.8            | . 8            |
| Sumay, Guam  | 22.9         | 15.2          | 7.6          | 8.1   |      |             |              | 19.3         | 14.2               | 10.4            | 20.0            | 14.2            |                  | 11.4   | 4.0            |                |
| CalapanVirac   |              | 3.6           | 10.4         |       |      |             |              | 15. 7        | 11 77              | 4.1             | 5.1             | 17. 2<br>8. 1   | 21.8<br>2.5      |  | 7.6            |                |
| Naga   | l            | 26.7          | 10.4         |       |      |             |              | 15. 1        | $11.7 \\ 13.8$     | 11<br>15.5      | 6.4<br>8.1      | 17.6            | 4.4              | 5.3<br>.5                                    | 4.3            | 35. 3          |
| ligaon   | .3           | 5.6           |              |       |      |             |              | .3           | 11.9               | 12.7            | 9.4             | 8.4             | 2.8              | 4. 1   | 8.1            |                |
| Batangas<br>Lucena                                       | 68.6         |               |              |       |      | 1, 3        |              | .3           | 1                  | 6.6<br>10.4     | 19.8<br>4.3     | 15. 2<br>5. 3   | $\frac{23.7}{2}$ | 1.3  |                | 1. 8<br>2. 8   |
| Atimonan   | I            | 1.3           |              |       |      |             |              |              | 2.3                | 8.9             | 6.5             | 5.8             | 5.7              | .8   |                | 41.8           |
| Ambulong, Tanauan<br>Canlubang, Calamba                  | 8.6          |               | 27.7         |       |      |             |              | 5. 1<br>2. 5 | $\frac{12.7}{7.9}$ | 11. 4<br>18. 5  | 30.3<br>32.3    | 30.5<br>7.6     | 25. 2<br>21. 3   | . 5  | 6.6            | 23. 6. 6.      |
| Paracale   |              | 15. 2         | 21.1         |       |      |             |              | 2. 0         | 2.8                | 50.7            | 12.8            | 10.7            | 3.8              |  |                | 22.            |
| Santa Cruz, Laguna                                       | 23.6         |               |              |       |      |             |              | 20.1         | 11.7               | 46.3            | 44.7            | 9.6             | 5.1              |  | .8             | 5.0            |
| Fort Mills, Corregidorac<br>Alabang, Rizala              | 43.7         | 9. 2          |              |       |      |             | ~~           | 25. 4        | . 8<br>27. 4       | $7.1 \\ 24.6$   | 135. 6<br>59. 2 | 53. 1<br>7. 1   | 49.3<br>17.3     | 1.5  |                |                |
| Lamao, Bataana   |              | 1.3           |              | 2.3   |      |             |              |              |                    | 156.7           | 88.7            | 151.4           | 35.5             | 2.5  |                |                |
| Manila<br>Antipolo                                       | 6.6          | 18.8          |              |       |      | 1.3         | 6. 9<br>2. 5 | 3<br>21. 6   | 3.8<br>3.1         |                 | 135.7<br>117.1  | 13. 7<br>9. 4   | 18.3<br>7.9      |  |                | 36.            |
| Bosoboso, Rizal a  |              | 3.6           | 5.1          |       |      | 3.6         | 40.6         | 10.9         | 2                  | 101.6           | 71.1            | 12.4            | 6.4              |  |                | 27.9           |
| Montalban, Rizala<br>Hacienda Pintong Sapang, San        |              |               | 28.7         |       |      |             |              | .8           |                    | 15.5            | 79.5            | 62. 2           | 15.7             | 4.8  | .8             | 8.9            |
| Jose, Bulacana   |              |               |              |       |      |             |              |              |                    | 49.5            | 96.5            | 81.3            | 57.1             |  | 6.9            |                |
| Mabayuan Dam, Olongano, Zam-                             | 1            | F 0           | 10 -         |       |      |             | _            |              |                    |                 |                 |                 |                  |  |                |                |
| bales aba  |              | 5.8<br>4.3    | 10.7<br>8.1  | .5    |      | 1.3         | . 5<br>1. 6  | 2. 5<br>3. 1 | 6. 4<br>3. 3       | 29.3<br>17.8    | 109<br>65. 5    | 300.5<br>79.5   | 54.6<br>113.5    | 16. 7<br>4. 6                                |                | 1<br>2. 8      |
| San Isidro   |              |               |              |       |      | 1.3         | 1.5          | .8           | 15. 5              | 41.4            | 2.1             | 64.2            | 52. 1            | .8   |                | 9.             |
| Hacienda Luisita, Comillas, Tar-<br>laca                 | 3.6          |               | 4.8          |       |      |             |              |              | 8.9                | 14. 2           | 39. 1           | 70. 9           | 16.5             |  |                | 11. 9          |
| dacienda Luisita, San Miguel.                            | 0.0          |               | 1.0          |       |      |             |              |              |                    |                 |                 |                 |                  |  |                |                |
| Tarlac a   |              |               |              |       |      |             | 5. 6         | . 3          | 2.8                | 19              | 13.2            | 59.5            | 26.7             | 1.3  | 15 7           | 27. 7<br>41. 7 |
| saier  | 36.3         | 6. 4          | 2            |       |      |             |              |              | 37.1               | 12.7<br>15      | 33.3<br>10.2    | 57.7<br>37.6    | 27. 6<br>2. 5    | 1.3  | 15.7           | 17.8           |
| Paniqui, Tarlaca   | 1.3          |               |              |       |      |             |              | 15.7         |                    | 24. 1           | 4.3             | 61.5            | 24.6             | 1.5  |                | 49.8           |
| C. L. A. S. Muñoz, Nueva Ecijaa<br>Dagupan               | 2.8<br>1.5   | 5.6           | 1.3          | . 5   |      |             | .8           |              | 2<br>4.6           | 12.7<br>24.4    | 52.8<br>21.9    | 33.6<br>112.5   | 1. 5<br>50. 2    | 2.3  | 1              | 20.8           |
| Santo Tomas Mt., Mountain                                |              |               |              |       |      |             |              | 1            | - 1                |                 |                 |                 |                  |  | - 1            |                |
| Province a   | 1            | 41.4          |              | 162.6 | 76.2 | 76.2        | 83.8         | 83.8         | 81.3               | 27.2            | 81.3            | 50.3            | 91.4             | 11 4   | 1.3            | 3.8            |
| Baguio   | 33           | 3.8           | 1.8<br>11.4  |       |      | .8<br>2.5   | 1.3          | 2.8          | 8. 2<br>7. 1       | 59.4  <br>17.3  | $23.6 \\ 71.5$  | 80.6            | 76. 5<br>43. 4   | $\begin{array}{c c} 11.4 \\ 2.6 \end{array}$ | 1.3            | 53. I<br>18. I |
| San Fernando, Union                                      | .5           |               |              |       |      |             |              | 4.1          | 12.2               | i               | 91.7            | 145.1           | 67.1             |  |                | 5.8            |
| Echagüe<br>Sagada, Mountain Provincea                    | 17.8<br>28.4 | 5. 6<br>4. 9  |              |       |      |             |              | 18.8         | 79.5               | - <sub>15</sub> | 31<br>25. 9     | 8.9<br>24.4     | . 5<br>8. 1      |  |                | 1.8<br>2       |
| Bontoc, Mountain Provincea                               | 14.2         | 3.6           |              |       |      |             |              |              |                    | 9.7             | 22.3            | 11.9            | 14.5             |  |                | 9. 9           |
| Candon   | 11.9         | 1             |              |       |      |             |              |              | 25.4               | 10.2            | 71.9            | 131             | 15.8             |  |                | 29.7<br>29.2   |
| Villavieja, Pilar, Abraa<br>Vigan                        | 24.1<br>4.1  | 2.8<br>6.5    | .1           |       |      | . 3         | 5.1          | 3.9          | 3.8<br>20.9        | 4.9             | 68.6<br>40.4    | 57. 1<br>65. 3  | 8. 9<br>9. 1     |  | 2              | 29.2           |
| luguegarao   | 7.1          |               |              |       |      |             |              |              |                    | 4.3             | 17.5            | 27              |                  |  |                |                |
| aoag<br>Aparri   | 51.8<br>25.1 | 76. 1<br>3. 6 | 25.9<br>2    |       |      |             | 4.1          | 6.4          | 2.8<br>24.4        | .8              | 42. 2<br>58. 7  | 205. 4<br>79. 8 | 36<br>2.6        | 9.1  |                | 23. 1          |
|  |              |               |              |       |      |             |              |              |                    |                 |                 |                 |                  |  |                |                |

a Voluntary or cooperative station. b Rain in 24 hours beginning 8 a.m.

c Rain in 24 hours beginning 7 a.m.

Daily rainfall at the stations of the Weather Bureau, August, 1918—Continued.

| Q4-43  |               |                |                 |                |              |                |                | Day o       | f mont         | th.            |               |                |              |                |               |              |
|--|---------------|----------------|-----------------|----------------|--------------|----------------|----------------|-------------|----------------|----------------|---------------|----------------|--------------|----------------|---------------|--------------|
| Station.   | 17.           | 18.            | 19.             | 20.            | 21.          | 22.            | 23.            | 24.         | 25.            | 26.            | 27.           | 28.            | 29.          | 30.            | 31.           | Tota         |
| .,   | mm.           | mm.            | mm.             | mm.            | mm.          | mm.            |                | mm.         | mm.            | mm.            | mm.           | mm.            | mm.          | mm.            | mm.           | mm           |
| olosabela, Basilan                               |               | 1<br>1.8       | 3.8<br>8.9      |                |              | 3.6            |                | 0.5         |                |                |               | 24.1<br>16.8   |              | 15.7           |               | 117<br>80.   |
| Basilan Plantation, Isabela (Basilan) Office     |               |                | 19              |                |              |                |                |             |                |                | Ì             | 16.8           | 6.1          |                |               | 82.          |
| amboanga   | 0.8           | 16.5           | 17.5            | 1.3            |              |                |                |             |                |                |               | 1.8            | 6.7          |                |               | 65.          |
| Davao<br>Cotabato                                | 5.8           | 11.1           | 27.2            | 3.3            | 6. 1         | 16.3           | 3.3            | 15.7        | 3.6            | 6.1            |               | 23.1           | 4.8          | 3              | 10.7          | 104.<br>215. |
| Camp Keithley, Lanao                             | 5. 1          | 1.1            | 6               |                |              |                |                |             | .3             | 2.3            | 3, 8          | 32. 5          | 11.5         | 2.5            | 1.3           | 197.         |
| Cagayan, Misamis                                 | 7.1           | 33<br>22. 1    | 15. 2<br>36. 6? | 9.4            | 8.9          |                | . 5            | 1.5         |                | 6. 9           |               | 18.8<br>10.9   | 7.3          | 2.3<br>23.1    | 3.8           | 138.<br>274. |
| Ampayon, Butuan, Agusan a 📖                      |               | .3             |                 |                |              |                |                |             |                |                |               |                |              |                |               | 128.<br>100. |
| Butuan<br>Mambajao                               | 8.1           | . 5            | 14              | 9.7            |              |                | 1.8            |             |                | 3.8            |               |                |              |                |               | 58.          |
| Oumaguete  | 8.9           | 76.2           | 8.6<br>24.4     | 6.1<br>4.8     | 2            | 1.5            | 3<br>38. 6     | 39.4        | 16             | 3. 6<br>1. 3   | 13.5          | 1.3<br>5.6     | 6.8          | 15.7           | 23.4          | 75.<br>453.  |
| Cagbilaran                                       | .8            |                | .3              |                | 1.8          | .8             |                |             |                |                |               |                |              |                |               | 74.          |
| wahig<br>Surigao                                 | 34.3<br>17    | .3             | 1.3<br>6.6      | .1             | 1.3          | .3             |                | 13          | 3.6            | 2.5            | 1<br>61, 2    | 1<br>10.7      |              | 1.8<br>.5      | 5.6           | 122.<br>150. |
| Maasin<br>Cebu                                   | 19.6<br>3.8   | 74.2           | 13, 2           |                | 7. 1<br>1. 3 | 61.5<br>3.8    |                |             | 15.3           |                | 20.1          |                |              | 6.9            | 15. 5         | 307.<br>148. |
| a Carlota, Occidental Negros a.                  | 8.2           | 23.9           | 65.6            | 13             | 5.3          | 16.5           | 27.4           | 11.5        | 36.8           | 2.3            | 6. 9          | 2. 5           | 10.7         | 5.8            | 10.4          | 386.         |
| loilo<br>an Jose Buenavista                      | 70.9          | 34             | .8<br>29.4      | 2.4<br>42.2    | 37.8<br>11.7 | 19 3           | 19.6<br>111.5  | 7.4<br>25.2 | 30. 7<br>37. 1 | 33.3<br>45.2   | 77.7          | 2. 5<br>55. 8  | 8. 9         | 5.9            | 28.7<br>13.5  | 303.<br>920. |
| Cuyo   |               | 5. 9           | 3               | 32.5           | 13.5         | 19             | 24.1           | 6.6         | 52.1           | 36. 1          | 33            | 10.5           | 8.6          | 13. 5          | 17            | 711.         |
| Jucena, Iloilo                                   | 10.7          | 7.6            | 4.8             | 2.3            | 18.3         | 12. 7          | 3.6            | 10.2        | 45.5           |                | 6.1           | 20, 1          | 2.3          | 7.4<br>1.3     | .3            | 291.<br>227. |
| Guiuan   | 1.3           | 8.4            | 7.1             |                |              | 2.1            |                | 3           | 19 4           | 3.3            | 1             | 11.7           | 1 0          | 6.9            | 2<br>5.1      | 161.         |
| Dueñas, Iloilo                                   | 8.6           |                | 1.3             |                |              |                | 1.3            | 1           | 12.4           | 2.1            | 21.3          |                | 1.8          | 0.8            |               | 197.         |
| to Capiz) a<br>Lapus, Iloilo (Railroad Iloilo to | 5.8           | 8.6            |                 | . 5            |              |                | 3.3            | 4.8         | 4.8            | 27. 7          |               | 36.6           | 14.7         |                | .5            | 239.         |
| Capiz) *   | . 5           |                | .5              | 1.3            | 35.3         | .3             | 23. 1          | 6.4         | 33.3           | 24.1           |               | 2.8            |              |                | 21.3          | 250.         |
| Cacloban<br>Dumarao, Capiza                      |               | .3<br>10.9     |                 | 12. 2<br>5. 6  | 2.1<br>15.5  | 1.5<br>1.5     | .5             | 2.8         | 5.6            | 9.4            | 1<br>43.2     | 5.3<br>19      | 54.6         | 3.6            | 15.7<br>3.8   | 114.<br>383. |
| Dao, Capiza                                      | 3.6           | 5.3            | .8              |                | 15.5         |                | 7.6            | 2.8         |                | 14             | 4.3           | 3              | .8           |                |               | 136.         |
| Capiz<br>Borongan                                | .3            |                | 11.4<br>6.4     | 3.6            | 7.6          | .3             | 50.8           |             | 5.3<br>5.3     |                | .5            | 1              |              | .8             | 1<br>13.5     | 53.<br>202.  |
| Catbalogan                                       | 38. 4         | . 5            | 15.2            | 10.4           |              | 11.1           | 30             | 3.6         | 25.7           | 1.5            | 7.2           |                |              | 1.3            |               | 358.         |
| Calbayog   | 57.8<br>7.1   | 13. 2<br>10. 6 | 3<br>16.3       | 3.8            | 7.9<br>15.5  | 5.1<br>6.6     | 13.9<br>2      | 33          | 21.6<br>13.2   | .3<br>1.5      | 4.9<br>2.1    | 5.1<br>4.3     | 15.5         | .3             | .3            | 316.<br>344. |
| San Jose Estate, J. Abello D-13,                 |               | 10.0           | 1               |                |              | 0.0            |                |             |                |                |               |                |              |                |               |              |
| Mindoro a  |               |                | 27.7            | 9.1            | 32           |                | 49             | 42. 4       | 64.7           | 25. 7          | 9. 1          | 6.6            | 19.8         | 6.8            |               | 478          |
| Plantation, Mindoro                              |               | 4.8            | 16. 5           | 15.7           | 49.1         |                | 57.2           | 62.2        | 86.6           | 24.7           | 10.2          |                | <b>33.</b> 8 | 6.6            | 7.4           | 601.         |
| San Jose Estate, San Agustin,<br>Mindoro         | 7.6           | 8.4            | 48.5            | 12, 2          | 22, 6        |                | 81.8           | 67.8        | 43.7           | 23.7           | 11.7          |                | 42.4         | 8.9            | 21.8          | 593.         |
| San Jose, Mindoro a                              | 5. 6          | 3.6            | 30.2            | 5.8            | 27.2         | .3             | 83.8           | 30          | 84             | 42.2           | 20.8          | 1.3            | 44.7         | 2.3            | 6.6           | 578.         |
| San Jose Estate, Tunnel D-12,<br>Mindoro         | 3.8           |                | 21.3            | 9.4            | 23.4         |                | 103.6          | 41.4        | 97.8           | 30.2           | 17            | 4.1            | 47.7         | 1.5            | 6.6           | 625.         |
| Romblon  | 8.4           |                | 11.4            |                | .4           |                | 1.5            | 2.8         | 13.2           | .4             | .1            | 18.8           | 8. 9         |                |               | 123.         |
| Batag<br>Borsogon                                | 8.1           | 3.6<br>50.8    | 1.5             | 3.8<br>57.9    | 2<br>36.3    | 70.6           | 6. 1<br>85. 6  | 27.4        |                |                | 20.8<br>11.7  | 15.7           | 54.1         |                | 9.9           | 235.<br>555. |
| egaspi<br>San Miguel Estate, San Miguel          | 9.6           | 2.1            | 6.1             | 38.8           | 7.3          | 21.4           | 13.2           | .8          | .5             |                | .5            | 2              | 1            |                | 20.6          | 234.         |
| Island, Tabaco, Albayab                          | . 5           | . 5            | .8              | .8             | 3.6          | 13.5           | 14.5           |             |                |                | 28.4          | .3             | 27.9         |                |               | 172.         |
| Sumay, Guam                                      | 19<br>.3      | 21.6           |                 |                | 19<br>4.4    |                | 4              | .8          | 6.4<br>19      | 8.1            | 25.4          | 13             | 17.8         | 12.7           | 10.2          | 216.<br>99.  |
| /irac  | 12.2          | 1.8            | 5.6             | 1.3            | .5           | 40.1           | 1.3            |             |                |                | 15.8          | .5             | 13.2         | .5             | l             | 183.         |
| Vaga<br>Ligaon                                   | .3            | 2.3<br>3.9     | 48.8<br>30.7    | 9.1<br>34.5    | .5<br>3.8    | 15<br>5.4      | 13.7<br>66.1   | 1 .         | 12.5<br>5.1    | 19<br>2.5      | 11.2<br>5.8   | 2.3<br>4.1     | 2. 5<br>5. 1 |                | 2.8           | 267.<br>289. |
| Batangas   | 10.2          | 17.7           | 13              | 2.5            |              | 18.5           | 18             | 14          | 5.1            |                | 5.1           | 7.9            |              |                | 3.6           | 253.         |
| Lucena   | 1<br>1.8      | 13             | 9.7             | 7.6<br>1.8     | 4.1          | 2.8<br>14.3    | 32             |             | 3              | 72. 1<br>6. 1  | 1.5<br>18.6   | 2<br>3         |              |                | 7.1           | 123.<br>181. |
| mhulong Tananan                                  | 2.3           | 2.8            | 10.4            | 22.9           |              | 1              | 10.1           | 8.4         |                |                | 1.5           | 6. 1           |              | 2.8            | 3.3           | 210.         |
| Canlubang, Calamba<br>Paracale                   | 1<br>14.2     | .8             | 25.1<br>1.3     | 42.9<br>10.9   | 44.2<br>2.5  | 30.5           | 70.4<br>8.4    | 1.5         |                | 53.8<br>1.5    | 12.9<br>7.6   | 34. 5<br>6. 4  | .8           | 1.5<br>8.9     | 31            | 459.<br>213. |
| Santa Cruz, Laguna                               | 4.6           |                | 1.8<br>77.7     | 1              | 9.4          | 6.9            | 2.8            | 20          | 1 7 6          | 19.5           | 11            | 5.1            | .8           | 1              | 2.3           | 254.         |
| Fort Mills, Corregidorac<br>Alabang, Rizala      |               | 16.8<br>27.7   | 9.1             | 75. 7          | 46.2<br>4.6  | 2.8            | 17<br>3.8      | 36.3<br>4.8 | 7.6            | .8             | 2             | 14. 7<br>12. 7 | 11.7<br>3.6  | 56. 1<br>2. 5  | 20.6<br>15.2  | 633.<br>297. |
| Lamao, Bataan a                                  | 1.7           | 2.8            | 2.5<br>80.5     | 65. 1<br>44. 9 | 11.4         | .8<br>44.9     | 35.3           | 30. 2<br>1  | 61.2<br>4.3    | 10.7<br>3.9    | 6.6<br>26.4   | 2<br>14.2      | 17<br>2.3    | 40. 2<br>6. 4  | 18.5<br>7.6   | 742.<br>483. |
| Antipolo   | 4.1           | 19.8           | 21.3            | 62.7           | 8.4          | 19             | 14.7           | 2           | 2.6            | 13             | 9. 1          | 6.6            | 16           | 26. 1          | 33.3          | 529.         |
| Bosoboso, Rizal a                                | 8. 1<br>30. 5 | 34.3<br>10.7   | 34<br>30.5      | 38.1<br>29.2   | 7.6<br>10.9  | 27. 2<br>20. 6 | 15. 2<br>13. 2 | 3.8<br>14.2 | 17.8<br>6.4    | 22.9<br>16.5   | 14.7<br>47    | 2.5<br>92.7    | 17.5<br>16.5 | 35. 1<br>3     | 23.6<br>8.1   | 587.<br>566. |
| Hacienda Pintong Sapang, San                     |               | 1              | 1               | Ì              |              |                |                | 1           |                | l              | Ì             |                |              | 1              | 1             | 1            |
| Jose, Bulacana                                   |               | 8.4            | 3.8             | 24.2           | 45.5         | 41.9           | 16.8           | 13.5        | 4.1            | 93. 5          | 23.1          | 16.3           | .8           | 23.3           | 15. 7         | 622.         |
| Zambales a                                       | 5.3           | 27.2           | 35              | 101.6          | 27.2         | 2.5            | 2.8            | 10.2        | 17.5           | 49. 1<br>41. 2 | 2<br>1.8      | 13.5           | 44.5         | 82.3           | 50.8<br>160.3 | 926.<br>702. |
| ba<br>San Isidro                                 | 9.9<br>3      | 44.7           | 4.6<br>34.6     | 4.1            | 10.9<br>3.8  | 3.3<br>57.1    | 10.2           | 1.8<br>7.6  | 2.5<br>1.3     | 7.5            | 43.4          | 18<br>7. 9     | 10.2         | .8             | .5            | 376.         |
| Hacienda Luisita, Comillas,<br>Tarlaca           | 12.2          | 16             | 73.6            | 12.2           | 6.1          | 51.8           | 2.5            | 3           | 10.2           | 57.2           | 18            | .8             | 24. 9        | 15             | 6.4           | 479.         |
| Hacienda Luisita, San Miguel,                    |               | 1              | l               | 10.6           | Ì            | 1              | ]              |             |                | 1              | 1             | ]              | Ì            |                |               |              |
| Tarlac a   | 1.3<br>3.6    | 20. 1<br>17. 8 | 12.2<br>14.5    | 14             | 65.1<br>48.3 | 16<br>21.3     | 6.6<br>38.1    | 1.8<br>14.7 | 22.4<br>7.6    | 18. 5<br>8. 1  | 13<br>12. 4   | .5<br>.5       | 1.5          | 2.3            | 5. 1<br>9. 7  | 342.<br>400. |
| Baler  | 4.8           | 38.6           | 5.3             |                |              | 36.6           |                |             | 31.7           | 27.7           | 20.6          |                | 36.3         |                |               | 366          |
| Paniqui, Tarlaca                                 | 2.5           | 50.8           |                 | 12.2           | 13.7         | 15.5           | .3             |             | 38.4           | 37.3           |               |                |              | 1              |               | 354          |
| Ecija *  | 12.2          | 9.7            | 40 4            | 69.1           | 43.9         | 19.3           |                |             | 1.5            | 11.4           | 6.9           |                | 11.9         | 15             | 13            | 320.         |
| Dagupan<br>Santo Tomas Mt., Mountain             | 2.6           | 10.4           | 49. 4           | 54. 1          | 9.7          | 5.6            |                | .3          | 2.3            | 88. 9          | 24.7          | 1              | 2.8          | 10             | 2.3           | 509.         |
| Province *                                       | .5            | 55. 9          | 25.9            | 34.3           | 1.6          | 1.3            | .6             | 50.8        |                | 47             | 2.5           | 2.8            | 2.5          | 12.8           |               | 1, 196.      |
| BolinaoBaguioBaguio                              | 5. 2          | 20.3<br>74.2   | 22. 6<br>27. 7  | 15.7<br>12.2   | 4.3          | 3.8<br>31.3    | 3.1            |             | .5             | 31.5<br>25.2   | 34.3<br>6.4   | 20.4           | 2. 1<br>3. 8 | 12. 9<br>21. 9 | 3. 1<br>14. 5 | 492.<br>544  |
| San Fernando, Union                              | 1.5           | 56.4           | 27.4            | 18             | 17.9         | 5.1            |                |             | 2.5            | 14.3           | 13.9          | 64.5           |              |                | 2.8           | 551.         |
| Echagüe<br>Sagada, Mountain Provincea            | 82.3          | 9.9            | 7.1<br>18.3     | 35.1           | 20.8         | 17.8<br>7.1    |                |             | 6.4<br>7.1     | 1.3            | 29.5<br>14.2  | 2.5            | 34.8         | 45. 2<br>25. 9 | 8.4<br>19.8   | 365.<br>305. |
| Bontoc, Mountain Province a                      | 1.8           |                | 1 1.8           | 36.1           | 4.6          | 16 3           |                |             | i              | 26.7           | 12. 2         | 7.9            | 53.3         | 27             | 22.1          | 296.         |
| Candon<br>Villavieja, Pilar, Abraª               | 2.6           | 10.2           | 5.1             | 6. 1<br>31. 2  |              | 5. 8<br>13. 2  |                |             | . 5            | 54.1<br>10.2   | 9. 4<br>17. 3 | 1.5<br>4.1     | 16           | 4.3<br>11.7    | 3             | 410.<br>317. |
| Vigan<br>Fuguegarao                              | 2.4           | 22.6           | 9.4             |                | 3.8          | 6.4            |                | 10          |                | 7.6            | 59. 5         | 5. 5           | 1.3          | 1.9            | 3             | 313.         |
|  |               |                |                 | 1              | 3            |                |                |             |                | 15.2           | 6.4           | 30. 2          | 5.6          | 1.3            | 49            | 166.         |
| Laoag  |               |                |                 | 7.1            |              | 9.9            |                | 115. 1      | 3.8            | 15.5           | 11.2          | 4.8            | 22.6         | 20.4           | 20.8          | 691<br>251.  |

# METEOROLOGICAL BULLETIN.

# MAXIMUM AND MINIMUM TEMPERATURES AT THE STATIONS OF THE WEATHER BUREAU, AUGUST, 1918.

| _                          | Jo  | olo.  |  | oela,<br>ilan.  | Zamb   | oanga.   | Da   | vao.   | Cota   | bato.  |  | Keith-<br>anao.  |  | ayan,<br>amis.  | Dap   | itan.  |
|----------------------------|---|---|--|---|--|--|--|--|--|--|--|--|--|---|---|--|
| Day.                       | Maxi-<br>mum.   |   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  |
| 1                          | *C. 30.8 30.1 30.9 30 31.5 31.6 31.4 30.5 31.3 31.5 31.2 30.2 30.2 30.2 30.1 31 31.7 32 30.8 31.1 31.7 32 30.8 31.1 31.7 32 30.8 31.8 | 22. 4<br>22. 1<br>21. 9<br>22. 1<br>21. 6<br>22. 1<br>22. 5<br>22. 4<br>22. 4<br>24. 7<br>24. 6<br>25. 5<br>22. 5<br>22. 3<br>22. 7<br>22. 3<br>22. 7<br>22. 8<br>22. 8<br>22. 8<br>23. 5<br>23. 6<br>24. 6<br>25. 6<br>25. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6 | *C. 36. 17 34. 6 33. 1 32. 1 33. 8 35. 1 31. 3 30. 6 32. 6 32. 6 32. 1 31. 5 32. 6 32. 1 33. 6 32. 1 33. 1 | ©C. 21. 6 21. 5 20. 1 22. 1 20. 1 21. 6 21. 6 22. 6 22. 1 22. 1 21. 6 22. 1 21. 1 21. 6 22. 1 21. 6 21. 1 21. 6 21. 1 21. 6 22. 1 22. 1 22. 1 22. 1 22. 1 22. 1 22. 1 22. 1 22. 1 22. 1 22. 1 22. 1 22. 1 22. 1 22. 1 22. 1 22. 1 22. 1 21. 1 21. 6 22. 6 22. 6 22. 6 22. 6 22. 1 21. 1 | °C. 28.8 30 29 28.8 29 29.1 29.5 28.6 28.3 29.6 28.3 29.6 30.1 29 28.8 29.3 29.4 29.5 29.6 30.8 29.5 28.8 29.6 30.8 29.7 28.2 29.6 | °C. 23. 3 23. 2 22. 3 23 23. 6 23. 1 23. 7 22. 5 23. 5 23. 6 22. 5 23. 6 22. 5 23. 6 22. 5 23. 6 22. 5 23. 6 22. 5 23. 6 22. 5 23. 6 22. 5 23. 6 22. 5 23. 6 22. 5 23. 6 22. 5 23. 6 22. 5 23. 6 22. 5 23. 6 22. 5 23. 6 22. 5 23. 6 22. 5 23. 6 22. 5 23. 6 22. 5 23. 6 22. 5 23. 6 22. 7 22. 4 23. 1 21. 5 23. 5 23. 2 23. 4 24. 3 23. 2 23. 4 24. 5 23. 1 | *C. 32 34 32.2 32.5 32.5 32.2 32.5 32.2 31.9 31.2 31.2 31.2 31.2 31.2 31.2 31.2 31.2   | °C. 21. 9 20. 4 21 20. 8 20 19. 9 18. 5 21. 1 21. 4 21. 9 21. 1 20. 6 20. 5 21. 5 21. 5 21. 5 21. 5 21. 5 21. 5 21. 7 22. 5 22. 5 22. 5 22. 6  | °C. 30.6 31.5 30.9 31.2 31.5 30.4 30.2 30.9 28.2 29 30.8 30.2 30.3 30.3 29.2 29.3 30.1 29.6 29.6 31.1 28.8 30                      | °C. 22. 7 22. 5 23. 2 23. 2 22. 2 22. 2 22. 7 22. 4 22. 2 22. 4 22. 2 21. 9 23. 1 22. 2 21. 9 23. 1 22. 2 21. 9 23. 1 22. 2 21. 9 23. 1 22. 2 21. 9 23. 5 22. 4 22. 5 22. 4 22. 9 23. 1 23. 2 24. 9 25. 5 26. 6 27 28. 6 | °C. 29 28.7 27 28.8 27.8 28.6 26.2 26.8 26.8 26.8 27.6 27.8 25.7 24.8 27.3 26.3 26.3 26.3 26.3 27.3 26.3 26.3 27.3               | *C.  17.8 17.8 17.8 17.9 19 18.3 18.3 18.3 19.2 19.20 20 18.5 18.4 19.5 20 20,7 20,9 18.5 18.2 19.2 19.2 19.2 19.2 19.2 19.2 19.2 19 | °C. 31.8 32.2 32.6 33.2 32.6 33.2 32.4 32.1 32.1 32.1 32.1 32.1 32.1 32.1 32.1   | C. 22. 2<br>21. 8<br>23. 1<br>21. 6<br>21. 6<br>22. 5<br>22. 8<br>22. 2<br>22. 6<br>22. 1<br>22. 6<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2<br>2<br>2 | °C. 33. 2 33. 2 33. 5 33. 6 33. 6 32. 8 33. 6 32. 8 33. 29 31. 2 32. 2 33. 4 30 29 30. 5 30. 4 31. 4 30 32. 4 31. 8 33. 1 32. 8 34. 1 35. 5 30. 2 30. 2 31. 9 | °C. 23.5 23.8 22.5 22.37 23.1 22.3 22.7 23.1 22.8 22.6 22.3 23.1 21.3 22.1 22.1 22.1 22.1 22.1   |
| Modification of the second |   | uan.  | Maml   |   | Duma   |  | Yap, V   | Vestern  |  | laran.   | Iwa  | !  | Suri   | <u> </u>  | <u> </u>  | asin.  |
| Day.                       | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-  |
| 1                          | °C. 35.4 34.4 33.5 34.7 33.6 31.3 33.2 9 34.6 35.7 36.6 37.3 36.6 37.3 38.6 38.6 38.6 38.6 38.6 38.6 38.6 38                          | °C. 23. 1 23. 5 22. 5 22. 2 22. 2 22. 1 21. 7 23. 2 22. 4 22. 2 21. 4 22. 2 22. 4 22. 2 22. 3 22. 8 22. 6 23. 8 22. 6 23. 6 23. 7 23. 6 23. 9   | °C. 33.5 32.7 33.1 34.3 32.7 33.4 32.7 33.5 32.3 33.9 33.9 33.1 28.8 31.1 21.6 31.2 31.6 31.2 31.6 31.2 31.6 31.2 31.6 31.2 31.6 31.2 31.6 31.2 31.6 31.2 31.6 31.2 31.6 31.2 31.6 31.2 31.6 31.2 31.6 31.2 31.6 31.2 31.6 31.6 31.2 31.6 31.6 31.2 31.6 31.6 31.2 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6   | °C. 8 23. 2 23. 2 24. 2 24. 2 26. 7 25. 6 22. 2 23. 5 25. 9 22. 3 5 25. 7 25. 4 23 22. 25. 6 25. 6 25. 6  | °C. 31.8 32.6 32.8 31.4 32.9 31.14 30.3 32.2 31.1 29.9 30.4 30.4 30.5 27.9 28.7 29.6 30.4 30.5 30.6 30.3 32.4 32.3                 | °C. 22. 4 23. 8 21. 5 20. 6 21. 2 22 22. 2 21. 9 22. 3 22. 2 21. 9 23. 3 21. 8 22. 4 22. 2 22. 6 22. 7 22. 2 23. 1 24. 1 23. 4   | *C. 32.7 30.7 32.3 31.9 31.8 32.2 23.1 31.8 31.9 32.2 33.1 331.2 23.4 730.3 31.9 32.2 32.4 730.3 31.9 32.6 32.6 30.8 31.7 32.6 30.8 31.7 32.6 30.8 31.7 32.6 6 | °C. 24. 2 23. 5 25. 5 24. 1 25. 7 24. 2 23. 7 24. 1 25. 5 22. 5 24. 4 25. 6 23. 5 24. 9 24 | *C. 31. 1 32 30. 5 32. 3 4 31. 8 22. 6 31. 8 22. 6 31. 8 22. 7 9 28. 9 31. 8 32. 4 32. 3 30. 9 31. 8 32. 4 32. 3 30. 9 31. 5 33. 5 | °C. 22. 9 22. 5 22. 2 22. 6 22. 5 22. 5 22. 4 23. 4 24. 9 22. 7 22. 2 23. 7 24. 2 24. 3 22. 5 22. 4 23. 5 24. 3 25. 1 23. 6  | °C. 31.6 31.6 31.9 32.6 32.2 33.1 33.5 32.6 33.5 32.6 33.5 32.6 33.5 32.6 33.5 32.6 33.5 32.6 33.6 33.6 33.6 33.6 33.6 33.6 33.6 | °C. 21.5 19.6 19.4 19.5 19.1 19.5 18.8 19.2 21.9 20.7 20.8 20.4 20.9 20.6 19.1 20.2 19.6 21.1 20.4 20.9 23.1 20.4 20.9 23.1          | ° C. 31. 9 32. 9 32. 3 30. 4 29. 4 30. 3 30. 8 31. 4 33. 3 30. 8 31. 4 31. 8 28. 8 30. 3 30. 9 31. 9 30. 9 31. 9 30. 9 31. 9 30. 9 31. 6 | °C. 1 23.4 4 23.9 23.3 4 22.5 5 25.4 4 22.5 5 22.5 6 6 8 27.2 4 24.8 25.4 4 25.5 1 25.6 1 25.8 1 25.  | °C. 34.5 32.8 32.4 35.8 35.8 33.4 29.2 29 31.3 32.4 31.2 31.9 31.9 31.6 32.8 32.8 32.8 32.8 32.8 32.8 32.8 32.8   | °C. 24 23. 2 24. 4 24. 2 23. 4 24. 2 23. 4 24. 2 23. 4 24. 2 23. 8 22. 6 23. 7 23. 5 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 23. 4 23. 5 22. 8 23. 4 23. 5 23. 4 23. 5 23. 8 23. 5 23. 8 23. 5 23. 8 23. 4 23. 5 23. 8 |
| Mean                       | 33. 1   | 22.7  | 32.4   | 24.3  | 31.1   | 22.5   | 31.1   | 23.7   | 31.5   | 23.3   | 31.5   | 20.4   | 31   | 24.5  | 32.3  | 23.2   |

Maximum and minimum temperatures at the stations of the Weather Bureau, August, 1918—Continued.

|  | Се  | bu.  | Ilo  | ilo.   | San<br>Buena  | Jose<br>wista.  | Cu  | yo.  | Orn   | ioc.  | Guit   | ıan.  | Tacl   | oban.                                     | Caj  | oiz.   |
|--|---|--|--|--|---|---|---|--|---|---|--|---|--|---|--|--|
| Day.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.                             | Maxi-<br>mum.  | Mini-<br>mum.  |
| 1<br>2<br>3  | °C.<br>32.1<br>32<br>31.9   | °C.<br>23.2<br>24<br>24.4  | °C.<br>32<br>30.4<br>30.6  | °C.<br>24.2<br>23.2<br>23  | °C.<br>31.7<br>31.8<br>31.9   | °C.<br>22. 4<br>22. 6<br>22   | °C.<br>30. 7<br>30. 4<br>31. 7  | °C.<br>23. 5<br>23. 6<br>24. 9   | °C.<br>31. 9<br>32. 8<br>32. 5  | °C.<br>22. 1<br>22<br>22. 3   | °C.<br>32.2<br>32<br>33.2  | °C.<br>22. 2<br>22<br>22  | °C.<br>33<br>34<br>34.2  | °C.<br>23.3<br>22.6<br>22.9               | °C.<br>32. 5<br>32<br>32. 3  | °C.<br>23. 7<br>22. 9<br>22. 6   |
| 4<br>5<br>6<br>7                                   | 31. 5<br>31. 6<br>31. 2<br>30. 5  | 24. 3<br>25. 5<br>26. 7<br>25 1  | 30. 7<br>30. 9<br>31<br>31. 5  | 23. 5<br>22. 5<br>23. 1<br>20. 7   | 31. 7<br>32. 7<br>32. 3<br>32. 6  | 22. 5<br>22. 2<br>23. 1<br>23   | 30. 9<br>30. 8<br>30. 6<br>30. 8  | 23.7<br>23.8<br>25.9<br>23.5   | 32.5<br>32.8<br>32.8<br>32.8  | 22. 1<br>22. 4<br>22. 9<br>23. 3  | 33. 6<br>33. 6<br>31<br>30. 9  | 22. 5<br>22. 8<br>23. 1<br>23. 5  | 33.8<br>34.3<br>32.5<br>32.1   | 22. 6<br>22. 5<br>23. 6<br>24             | 32. 8<br>33. 3<br>32. 9<br>33. 2   | 22.5<br>22.3<br>23.3<br>23.5   |
| 8  | 31.1  | 24. 7<br>23. 6<br>23. 2<br>22. 5<br>25. 2  | 32. 1<br>31. 4<br>29. 5<br>26. 9<br>27. 2  | 23. 7<br>23. 1<br>24. 1<br>21. 5<br>22. 5  | 32. 7<br>31. 7<br>29. 9<br>26. 8<br>27. 7   | 22. 6<br>23. 1<br>21. 8<br>21. 6<br>21. 6   | 31. 8<br>31. 7<br>28. 9<br>29. 1<br>28. 8   | 24. 3<br>23. 3<br>23. 4<br>22. 8<br>23, 1  | 32. 8<br>30<br>32. 1<br>32. 2<br>30. 9  | 23. 4<br>22. 7<br>22. 2<br>23. 2<br>22. 6   | 29. 1<br>31. 4<br>30. 1<br>32<br>31  | 22. 5<br>22. 5<br>23. 5<br>23. 5<br>23. 5   | 30. 5<br>31. 3<br>29. 4<br>32. 4<br>32   | 24. 7<br>23. 9<br>22. 7<br>21. 9<br>21. 6 | 33. 5<br>30. 4<br>31. 5<br>30. 7<br>30. 5  | 24.3<br>23.7<br>23.8<br>22.8<br>22.8   |
| 13   | 30. 4<br>31. 8<br>28. 7<br>31. 2  | 24. 5<br>23. 5<br>22. 6<br>23. 5<br>24. 2  | 29.3<br>30.6<br>30.1<br>29.2<br>29.2   | 23. 1<br>23<br>23. 9<br>23<br>24. 2  | 29. 3<br>30. 8<br>30. 2<br>30. 7<br>30. 2   | 22. 1<br>22<br>23<br>21. 8<br>22. 6   | 26. 8<br>28. 7<br>30. 3<br>29. 3<br>30. 4   | 22. 5<br>22. 1<br>22. 1<br>23. 5<br>24. 9  | 33. 4<br>33. 4<br>31. 9<br>31. 9<br>30  | 23. 6<br>23. 4<br>23<br>23. 1<br>23. 2  | 33. 5<br>32. 8<br>30. 9<br>31. 6<br>31. 3  | 26. 3<br>24<br>23. 6<br>23. 2<br>23   | 32. 2<br>32. 3<br>31. 4<br>32<br>30, 9   | 22. 6<br>23. 6<br>23<br>23. 4<br>23. 4    | 30. 5<br>32. 2<br>31. 9<br>31. 7<br>27. 6  | 23<br>23<br>23. 1<br>23. 23. 4   |
| 18<br>19<br>20<br>21                               | 30. 5<br>30. 5<br>28. 9<br>29. 5<br>30. 1   | 25. 2<br>25. 9<br>24. 7<br>24. 4   | 30<br>29. 6<br>29. 1<br>30. 3  | 24. 5<br>24. 2<br>24. 5<br>23. 2<br>25. 2  | 30.3<br>30.8<br>29.3<br>31.7  | 22. 5<br>22<br>22. 7<br>22. 5<br>22. 5  | 28. 6<br>28. 4<br>27. 3<br>29. 5  | 24. 8<br>24. 9<br>23. 1<br>22. 7   | 31. 2<br>32. 4<br>32. 6<br>32   | 23. 1<br>22. 9<br>23. 4<br>23. 6  | 31<br>31.8<br>29.7<br>31.6   | 25<br>25.6<br>23.8<br>25.2  | 31.5<br>32.6<br>30.3<br>31.3   | 23. 9<br>22. 2<br>23. 5<br>23. 5          | 31. 6<br>32. 8<br>29. 9<br>31. 4   | 23.3<br>23.5<br>23.4<br>23.3   |
| 23<br>24<br>25<br>26                               | 30. 5<br>30. 2<br>29. 5<br>29. 7  | 25. 4<br>23. 7<br>26. 2<br>24. 4<br>23. 8  | 30. 6<br>30<br>30. 4<br>30. 4<br>30. 5   | 24. 1<br>22. 7<br>22. 5<br>22. 3   | 31. 2<br>29. 8<br>30. 2<br>31. 2<br>30. 8   | 22. 5<br>22. 1<br>22. 6<br>23. 1  | 30. 1<br>30. 1<br>29. 4<br>29. 3<br>28. 9   | 22. 7<br>23. 1<br>23. 8<br>24. 7<br>23. 5  | 32. 2<br>32. 3<br>32. 2<br>32. 8<br>32. 9   | 23. 6<br>23. 7<br>24<br>24. 6<br>23. 9  | 30. 6<br>31. 3<br>31. 9<br>32<br>32  | 25. 2<br>26. 1<br>26. 5<br>26. 9<br>27  | 31. 5<br>29. 9<br>33. 3<br>34. 6<br>32. 5  | 24. 3<br>23. 7<br>23. 4<br>23. 1<br>23. 9 | 31.8<br>33<br>32.7<br>32.6<br>31.8   | 23.7<br>23.5<br>23.8<br>23.8<br>23.2   |
| 27   | 30. 1<br>30<br>30. 6<br>30. 2<br>30. 8  | 24.2<br>26<br>25<br>25.2<br>25.6   | 30. 4<br>30. 1<br>30. 3<br>30. 4<br>30. 3  | 23. 4<br>24. 9<br>24. 5<br>24. 5<br>22. 8  | 31. 2<br>29. 7<br>31. 7<br>31. 4<br>30. 8   | 22.5<br>23<br>20.9<br>23.6<br>22.7  | 29. 7<br>28. 5<br>30. 7<br>30. 6<br>29  | 23.8<br>23.8<br>22.9<br>23.8<br>23.9   | 32. 5<br>32. 2<br>31. 8<br>32. 4<br>33. 1   | 24<br>23. 5<br>23. 6<br>24. 4<br>23   | 32. 2<br>32. 1<br>31. 7<br>32. 3<br>31. 8  | 24. 5<br>25. 7<br>23. 4<br>26<br>25. 6  | 33. 9<br>32. 9<br>32<br>33. 6<br>34. 6   | 24<br>23. 5<br>23. 7<br>24. 8<br>24. 5    | 33. 4<br>32. 2<br>32. 5<br>32. 8<br>32. 8  | 23. 2<br>23. 5<br>24. 3<br>24. 1<br>23. 1  |
| Mean   | 30. 4   | 24. 5  | 30.2   | 23.6   | 30.8  | 22. 4   | 29.7  | 23.6   | 32. 2   | 23.2  | 31.7   | 24.2  | 32. 3  | 23. 4                                     | 32   | 23. 3  |
|  | Boro  | ngan.  | Catba  | logan.   | Calb  | ayog.   | Mas   | bate.  | Rom   | blon.   | Ва   | tag.  | Sors   | ogon.                                     | Leg  | <b>a</b> spi.  |
| Day.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   |  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.                             | Maxi-<br>mum.  | Mini-<br>mum.  |
| 1<br>2<br>3  | 33.1  | °C.<br>22<br>21. 4<br>21. 5  | °C.<br>31. 7<br>31<br>31. 8  | °C.<br>22. 1<br>21. 3<br>21. 2   | °C.<br>29.7<br>30<br>31.6   | °C.<br>22.8<br>22.6<br>22.2   | °C.<br>32.2<br>31.5   | °C.<br>25.8  | °C.<br>33<br>33.3<br>33.4   | °C.<br>21.3<br>22.2<br>22.4   | °C.<br>32. 8<br>31. 9<br>32. 7   | °C.<br>23.1<br>23<br>23.4   | °C.<br>33. 4<br>33<br>32. 4  | °C.                                       | °C.<br>32.8<br>32.7<br>32.2  | °C.<br>22.5<br>22.8<br>21.8<br>23.4  |
|  |   | 22.6   | 31.8   | 22.  | 1 30.1  | 23  | 32  | 25. 2  | 32.7  | 24.3  | 33. 1  |   | 33   |   |  |  |
| 5<br>6<br>7<br>8                                   | 33. 5<br>35. 5<br>34. 4<br>30   | 22. 6<br>22<br>22. 5<br>22<br>23. 5<br>22  | 31. 8<br>32. 3<br>32. 5<br>31. 2<br>29<br>30. 3  | 22. 1<br>22. 5<br>24. 7<br>26. 6<br>25<br>23. 4  | 30. 1<br>29. 9<br>30<br>29. 8<br>28. 9  | 23<br>23.5<br>24.7<br>24.6<br>23.7<br>23.3  | 32<br>31<br>32. 4<br>32. 8<br>30. 8<br>28. 5  | 25. 2<br>26. 2<br>26. 4<br>26. 6<br>23. 6?<br>22. 5?   | 32. 7<br>33. 5<br>33. 6<br>33. 8<br>33. 7   | 24.3<br>23.2<br>22.7<br>24.3<br>25.3<br>24.3  | 33. 1<br>32. 9<br>32. 5<br>32<br>28. 4<br>29. 5  | 23. 6<br>23. 6<br>24. 6<br>24. 2<br>25. 1<br>23. 5  | 33<br>32.5<br>32.9<br>31.3<br>31.5   |   | 33.4<br>33.2<br>32.9<br>32.2   | 24. 9<br>25<br>24. 1<br>24. 2<br>22. 7   |
| 5<br>6<br>7<br>8<br>9<br>10<br>11<br>12            | 33. 5<br>35. 5<br>34. 4<br>30<br>33<br>27. 3<br>32. 8<br>33. 5<br>32. 1   | 22<br>22.5<br>22<br>23.5<br>22<br>22.8<br>23<br>21<br>22.9   | 32. 3<br>32. 5<br>31. 2<br>29<br>30. 3<br>26. 3<br>31. 7<br>31. 3<br>32. 2   | 22. 5<br>24. 7<br>26. 6<br>25<br>23. 4<br>23. 6<br>23<br>23<br>23. 5   | 29. 9<br>30<br>29. 8<br>28. 9<br>30<br>27. 5<br>28. 4<br>29<br>30. 7  | 23. 5<br>24. 7<br>24. 6<br>23. 7<br>23. 3<br>23. 6<br>22. 6<br>23. 2<br>22. 6   | 31<br>32. 4<br>32. 8<br>30. 8<br>28. 5<br>28. 6<br>29<br>30. 4<br>31. 4   | 26. 2<br>26. 4<br>26. 6<br>23. 6?<br>22. 5?<br>22. 5<br>23. 6<br>23. 8<br>23. 5  | 33. 5<br>33. 6<br>33. 8<br>33. 7<br>30<br>32. 5<br>29. 9<br>28. 5<br>29. 1  | 23. 2<br>22. 7<br>24. 3<br>25. 3<br>24. 3<br>24. 4<br>24. 4<br>23. 4<br>22. 6   | 32, 9<br>32, 5<br>32<br>28, 4<br>29, 5<br>25, 6<br>29<br>30<br>31, 8   | 23.6<br>24.6<br>24.2<br>25.1<br>23.5<br>21.6<br>21.4<br>22.7<br>22.3  | 33<br>32. 5<br>32. 9<br>31. 3<br>31. 5<br>28. 5<br>27. 9<br>30<br>32. 9  |   | 33. 4<br>33. 2<br>32. 9<br>32. 2<br>27. 8<br>26<br>27. 5<br>29. 8<br>30. 3   | 25<br>24.1<br>24.2<br>22.7<br>23.5<br>23.2<br>22.8<br>23   |
| 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 19         | 33. 5<br>35. 5<br>34. 4<br>30<br>33<br>27. 3<br>32. 8<br>33. 5<br>31. 8<br>31. 4<br>31. 3<br>34<br>33. 5  | 22<br>22.5<br>23.5<br>22.8<br>23.2<br>21.9<br>23.3<br>22.5<br>22.5<br>24.6                                     | 32. 3<br>32. 5<br>31. 2<br>29<br>30. 3<br>26. 3<br>31. 7<br>31. 3<br>32. 2<br>31. 5<br>29. 4<br>30. 2<br>30. 2                                     | 22. 5<br>24. 7<br>26. 6<br>25. 4<br>23. 6<br>23. 5<br>23. 5<br>23. 1<br>22. 5<br>22. 4<br>23. 4                                  | 29. 9<br>30<br>29. 8<br>28. 9<br>30. 7<br>28. 4<br>29<br>30. 7<br>29. 9<br>29. 4<br>30. 4<br>29. 9  | 23. 5<br>24. 7<br>24. 6<br>23. 7<br>23. 6<br>22. 6<br>23. 2<br>22. 6<br>23. 7<br>22. 7<br>22. 7<br>23. 2  | 31<br>32. 4<br>32. 8<br>30. 8<br>28. 5<br>28. 6<br>29<br>30. 4<br>31. 4<br>31. 4<br>31. 4<br>30. 4                      | 26. 2<br>26. 4<br>26. 6<br>23. 6?<br>22. 5?<br>22. 5<br>23. 6<br>23. 8<br>23. 5<br>23. 6<br>22. 4<br>24. 2<br>24. 2  | 33.5<br>33.6<br>33.8<br>33.7<br>32.5<br>29.9<br>28.5<br>29.1<br>31.5<br>32.9<br>29.2<br>32.5  | 23. 2<br>22. 7<br>24. 3<br>25. 3<br>24. 4<br>24. 4<br>23. 4<br>22. 6<br>23. 3<br>23. 2<br>23. 2<br>23. 2  | 32. 9<br>32. 5<br>32<br>28. 4<br>29. 5<br>25. 6<br>29<br>30. 31. 8<br>31. 7<br>30. 5<br>26. 8<br>29. 4<br>30. 2          | 23. 6<br>24. 6<br>24. 2<br>25. 1<br>21. 6<br>21. 4<br>22. 7<br>22. 3<br>24. 2<br>21. 4<br>22. 1<br>23. 5                            | 33<br>32.5<br>32.9<br>31.3<br>31.5<br>28.5<br>27.9<br>30<br>32.9<br>31.8<br>32.3<br>32.5<br>31.5   |   | 33.4<br>33.2<br>32.9<br>32.2<br>27.5<br>29.8<br>30.3<br>32.3<br>31.8<br>30.4<br>30.5   | 25<br>24.1<br>24.2<br>22.7<br>23.5<br>23.2<br>22.8<br>23.2<br>22.8<br>23.5<br>23.5<br>23.5<br>23.7   |
| 5  | 33.5<br>35.5<br>34.4<br>30<br>33<br>27.3<br>32.8<br>33.5<br>32.1<br>31.8<br>31.4<br>31.3<br>34<br>33.2<br>33.5<br>31.1<br>31.6<br>32.1  | 22<br>22. 5<br>22<br>23. 5<br>22<br>22. 8<br>23<br>21<br>22. 9<br>23. 3<br>22. 5<br>24. 6<br>23<br>25<br>23. 6 | 32. 3<br>32. 5<br>31. 2<br>29<br>30. 3<br>26. 3<br>31. 7<br>31. 3<br>32. 2<br>31. 5<br>29. 4<br>30. 2<br>31. 2<br>31. 2<br>31. 2<br>31. 2          | 22. 5<br>24. 7<br>26. 6<br>25<br>23. 4<br>23. 5<br>23. 5<br>22. 7<br>22. 4<br>24. 2<br>23. 9<br>23. 2<br>24. 4<br>24. 4<br>24. 2 | 29. 9<br>30<br>29. 8<br>28. 9<br>30<br>27. 5<br>28. 4<br>29<br>30. 7<br>29. 9<br>29. 4<br>30. 4<br>29<br>30. 1<br>28. 7<br>29<br>28. 7<br>29<br>28. 7<br>28. 7<br>28. 7<br>28. 7<br>28. 7 | 23. 5<br>24. 7<br>24. 6<br>23. 7<br>23. 3<br>23. 6<br>22. 6<br>23. 2<br>22. 6<br>23. 7<br>22. 7<br>22. 7<br>22. 7<br>23. 2<br>24. 9<br>23. 8<br>24. 4<br>25. 1<br>24. 9 | 31<br>32. 4<br>32. 8<br>30. 8<br>28. 5<br>29<br>30. 4<br>31. 4<br>31. 4<br>30. 6<br>29<br>30. 4<br>30. 6<br>29<br>30. 8 | 26. 2<br>26. 4<br>26. 6<br>23. 6?<br>22. 5?<br>22. 5<br>23. 6<br>23. 6<br>23. 4<br>24. 2<br>25. 6<br>25. 6<br>25. 6<br>24. 4<br>24. 4  | 33. 5<br>33. 6<br>33. 8<br>33. 7<br>30<br>32. 5<br>29. 9<br>28. 5<br>29. 1<br>31. 5<br>32. 9<br>29. 2<br>32. 5<br>32. 9<br>31. 9<br>29. 2<br>32. 5<br>32. 9<br>31. 9<br>29. 2<br>32. 5<br>32. 9<br>31. 9<br>29. 2<br>32. 5<br>32. 9<br>32. 9<br>32. 9 | 23. 2<br>22. 7<br>24. 3<br>25. 3<br>24. 4<br>24. 4<br>22. 6<br>23. 2<br>23. 2<br>23. 2<br>24. 2<br>24. 2<br>24. 2<br>23. 9<br>24. 3<br>24. 3<br>25. 3 | 32. 9<br>32. 5<br>32<br>28. 4<br>29. 5<br>25. 6<br>29<br>30. 31. 8<br>31. 7<br>26. 8<br>29. 4<br>30. 2<br>30. 9<br>29. 9 | 23.6<br>24.6<br>24.2<br>25.1<br>23.5<br>21.6<br>21.4<br>22.7<br>22.3<br>24.2<br>21.4<br>22.5<br>23.1<br>23.5<br>24.2<br>23.8        | 33<br>32.5<br>32.9<br>31.3<br>31.5<br>28.5<br>27.9<br>30<br>32.9<br>31.8<br>32.1<br>32.5<br>31.3<br>32.5<br>30.5<br>30.5   |   | 33. 4<br>33. 2<br>32. 9<br>32. 9<br>32. 2<br>27. 8<br>26<br>27. 5<br>29. 8<br>30. 3<br>31. 8<br>31. 6<br>30. 4<br>30. 5<br>29. 8<br>29. 3<br>29. 3<br>29. 4<br>31. 5<br>29. 8  | 25<br>24, 1<br>24, 2<br>22, 7<br>23, 5<br>23, 2<br>22, 8<br>23, 5<br>23, 5<br>23, 5<br>23, 5<br>24, 5<br>24, 5<br>24, 5<br>24, 2<br>24, 2<br>24, 3                   |
| 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 2 | 33. 5<br>35. 5<br>34. 4<br>30<br>327. 3<br>32. 8<br>33. 5<br>32. 1<br>31. 4<br>31. 3<br>33. 5<br>31. 1<br>31. 6<br>32. 8<br>32. 8<br>33. 5<br>31. 6<br>32. 8<br>33. 5<br>31. 6<br>32. 8<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>33. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34 | 22<br>22.5<br>22<br>23.5<br>22.8<br>23<br>21<br>22.9<br>23.5<br>22.5<br>23.5<br>22.5<br>24.6<br>23<br>23.6     | 32. 3<br>32. 5<br>31. 2<br>29<br>30. 3<br>26. 3<br>31. 7<br>31. 3<br>32. 2<br>31. 5<br>29. 4<br>30. 2<br>31. 2<br>31. 2<br>31. 2<br>31. 2<br>31. 2 | 22. 5<br>24. 7<br>26. 6<br>25. 4<br>23. 6<br>23. 5<br>23. 5<br>22. 5<br>22. 7<br>22. 4<br>24. 2<br>23. 9<br>24. 3                | 29. 9<br>30<br>29. 8<br>28. 9<br>30<br>27. 5<br>28. 4<br>29<br>30. 7<br>29. 9<br>29. 4<br>30. 4<br>29<br>29. 9<br>30. 1<br>28. 7<br>29. 9   | 23. 5<br>24. 7<br>24. 6<br>23. 7<br>23. 3<br>23. 6<br>22. 6<br>23. 7<br>22. 7<br>22. 7<br>22. 7<br>23. 2<br>26. 9<br>23. 8<br>24. 4<br>25. 1                            | 31<br>32. 4<br>32. 8<br>30. 8<br>28. 5<br>28. 6<br>29<br>30. 4<br>31. 4<br>31. 4<br>30. 6<br>29<br>30. 6<br>29<br>30. 8 | 26. 2<br>26. 4<br>26. 6<br>23. 6?<br>22. 5?<br>23. 6<br>23. 8<br>23. 8<br>23. 6<br>22. 4<br>24. 2<br>23. 6<br>25. 2<br>4<br>24. 2<br>25. 2<br>4<br>25. 6<br>26. 2<br>26. 6<br>27. 2<br>28. 6<br>29. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6 | 33. 5<br>33. 6<br>33. 8<br>33. 7<br>30<br>32. 9<br>28. 5<br>29. 1<br>31. 5<br>32. 9<br>31. 9<br>29. 2<br>32. 5<br>32. 9<br>31. 9<br>29. 2<br>32. 5<br>32. 9   | 23. 2<br>22. 7<br>24. 3<br>25. 3<br>24. 4<br>24. 4<br>23. 4<br>22. 6<br>23. 3<br>23. 2<br>23. 2<br>23. 2<br>24. 2<br>23. 9<br>24. 2<br>24. 3          | 32, 9<br>32, 5<br>32<br>28, 4<br>29, 5<br>25, 6<br>29<br>30<br>31, 8<br>31, 7<br>30, 5<br>26, 8<br>29, 3<br>20, 9        | 23. 6<br>24. 6<br>24. 2<br>25. 1<br>23. 5<br>21. 6<br>21. 4<br>22. 7<br>24. 2<br>21. 4<br>22. 5<br>23. 1<br>23. 5<br>23. 2<br>24. 2 | 33, 32, 5<br>32, 5<br>31, 3<br>31, 3<br>31, 3<br>28, 5<br>27, 9<br>32, 9<br>31, 8<br>32, 1<br>32, 3<br>32, 1<br>32, 5<br>30, 5<br>30, 8<br>30, 3<br>31, 5<br>30, 5<br>30, 5<br>30, 5 |   | 33. 4<br>33. 2<br>32. 9<br>32. 2<br>27. 8<br>26<br>27. 5<br>29. 8<br>30. 3<br>31. 8<br>30. 4<br>30. 5<br>29. 8<br>31. 5<br>29. 8<br>31. 5<br>29. 8<br>31. 5<br>29. 8<br>31. 5<br>29. 8<br>31. 2<br>29. 8<br>31. 2<br>29. 8<br>31. 2<br>29. 8<br>31. 2<br>29. 8 | 25<br>24. 1<br>24. 2<br>22. 7<br>23. 5<br>22. 8<br>23. 5<br>23. 5<br>23. 8<br>23. 7<br>24. 2<br>23. 4<br>24. 2<br>24. 3<br>24. 3<br>24. 4<br>24. 2<br>24. 4<br>24. 4 |

Maximum and minimum temperatures at the stations of the Weather Bureau, August, 1918—Continued.

| _        | Sun<br>Gua  | n <b>ay,</b><br>ım. <sup>a</sup>  | Cala  | pan.   | Vir  | ac.b  | Na  | ıga.   | Tig   | aon.  | Bata  | ngas.  | Luc   | ena.   | Atim  | onan.   |
|----------|---|---|---|--|--|---|---|--|---|---|---|--|---|--|---|---|
| Day.     | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   |  | Maxi-   | Mini<br>mun   |
|          | °C.   | °C.   | °C.   | °C.  | °C.  | °C.   | °C.   | °C.  | °C.   | °C.   | °C.   | °C.  | °C.   | $\circ C.$   | °C.   | $^{\circ}C$ .   |
| 1        |   |   | 32.2  | 21.6   | 32.1   | 21.5  | 34  | 20.4   | 31.6  | 20.5  | 32.2  | 22.6   | 32.4  | 21. 2  | 32.7  | 22.7  |
| 2<br>3   |   |   | 32, 2<br>33, 1  | 21.6<br>21.5   | 32. 4<br>32  | 21<br>20.6  | 34. 4<br>33. 9  | 20.1<br>19.5   | 32.7<br>31.8  | 20<br>19.5  | 30.7<br>32.4  | 21.5<br>22   | 31.5<br>32  | 22, 7<br>22  | 32.3<br>33  | 23. 3   |
| 4        |   |   | 32. 9   | 21.6   | 33.7   | 21  | 33.3  | 21   | 31.8  | 19.9  | 32.5  | 22.1   | 31.5  | 21. 4  | 33.6  | 22.   |
| <u> </u> |   |   | 33  | 21.5   | 35   | 21.5  | 34  | 21.2   | 32.3  | 20.7  | 32.1  | 22.4   | 33.6  | 20.6   | 33.4  | 22  |
| 8<br>7   |   |   | 32. 5<br>32. 4  | 22<br>21. 2  | 34.5   | 21.2<br>21  | 33.5  | 21.1   | 32.3  | 20.9<br>19.7  | 32  | 23.3<br>22.6   | 33.4  | 20, 2<br>22, 3   | 33.5  | 21.   |
| 8        |   |   | 32.4  | 22.2   | 35. 7<br>35. 2   | 22.3?   | 34<br>34.6  | 20.7<br>22.5   | 32. 5<br>33. 3  | 23.2  | 32, 2<br>32, 3  | 24   | 33.6  | 22.6   | 33.6<br>34  | 22.   |
| )        |   |   | 32  | 22   | 29.5   | 21.1  | 29.5  | 21   | 30.1  | 22.3  | 30.8  | 25.2   | 30.6  | 23   | 31.4  | 23.   |
| )<br>    |   |   | 30.5<br>27.5  | 23.5   | 26.5   | 21.3  | 26.8  | 21.1   | 27.5  | 22.3  | 28.8  | 23.7   | 28.6  | 23.6<br>22.2   | 28.6  | 23.<br>23   |
|          |   |   | 27.5  | 23<br>22.4   | 30.3   | 21. 2<br>21. 6  | 27<br>29.8  | 21.1   | 26.7<br>28.3  | 21. 9<br>22. 8  | 26.8<br>28.8  | 23.3<br>22 6   | 25.5<br>28.2  | 23   | 25. 5<br>28. 7  | 24  |
| 8        |   |   | 26  | 22, 3  | 31.4   | 21.5  | 30.6  | 21   | 30  | 22.4  | 25.7  | 22, 2  | 26.6  | 22.4   | 26. 9   | 23.   |
|          |   |   | 29  | 22.5   | 32   | 22  | 32.1  | 21   | 31.9  | 21.9  | 29.9  | 22.7   | 29  | 23   | 30.6  | 24  |
|          |   | 25<br>24.6  | 31.6<br>32  | 22<br>22, 4  | 32<br>31   | 21. 1<br>21   | 33<br>32, 5   | $21.3 \\ 21.3$   | 32.5<br>31  | 21.6<br>21.7  | 31.3<br>31  | 21.3<br>22.1   | 30.3<br>29  | 22.3<br>22.3   | 31. 5<br>30. 5  | 23.<br>23.  |
|          |   | 24  | 32.5  | 24.5   | 30.5   | 21.4  | 31  | 21.7   | 32.3  | 22.2  | 32  | 23.2   | 30  | 23.4   | 30.8  | 23.   |
|          |   | 24  | 32.1  | 21   | 32.6   | 21.5  | 33.5  | 21. 1  | 30.9  | 22.2  | 29.7  | 23.2   | 29.7  | 21.9   | 32  | 22.   |
|          |   | 24<br>24. 2   | 31.6<br>32  | 22<br>23   | 33.6   | 21.8  | 32  | 22. 1  | 30.4  | 22.5<br>22  | 30.8  | 23.2   | 31<br>29  | 23.6   | 31.5  | 23<br>23  |
|          |   | 23. 4   | 31.5  | 22.1   | 31.5<br>31.5   | 21.5<br>21.6  | 32<br>31.6  | 20.9<br>21.1   | 30.6  | 21.8  | 30.8<br>30.6  | 23<br>23   | 28.5  | 23. 5<br>21. 9   | 30.5  | 23.   |
|          | 30.8  | 23.4  | 30.5  | 21.8   | 31.7   | 21.8  | 32.7  | 21.1   | 31.4  | 22.6  | 30.3  | 23.5   | 32. 6   | 21.6   | 31.8  | 22.   |
|          |   | 23.4  | 32.5  | 22.2   | 32.3   | 21  | 32  | 21   | 30  | 22  | 31.3  | 22.1   | 30.5  | 22.1   | 31. 1   | 22.   |
|          |   | 25<br>24.8  | 31.5<br>31.5  | 22.9<br>23   | 32.3<br>32.7   | 22. 1<br>22. 6  | 31. 9<br>32   | 21.7<br>22.9   | 30.4<br>31  | 22.5<br>23.5  | 31<br>31, 2   | 23.2<br>24.1   | 30.8<br>31.5  | 21. 5?<br>23. 9  | 31<br>33.1  | 23.<br>24.  |
|          | 31.4  | 24.6  | 29. 9   | 22.2   | 32.3   | 22  | 29  | 21.7   | 31.2  | 23.2  | 30.2  | 22.8   | 30.2  | 23   | 30.5  | 24.   |
|          |   | 24.8  | 30.8  | 21.7   | 31.3   | 21.6  | 30.6  | 21.3   | 31.5  | 21.6  | 30.5  | 23.3   | 29.7  | 22   | 29.6  | 23.   |
|          | 30.8<br>28.6  | 24.8<br>23.2  | 31.5<br>32  | 23.5<br>23   | 32. 9<br>32. 5   | 21.3  | 32<br>32.1  | 22<br>21.8   | 30.6  | 22.4<br>21.8  | 31<br>31.5  | 22. 5<br>23. 6   | 30<br>31  | 23<br>23.4   | 28.7<br>31.3  | 23.<br>23.  |
|          | 30  | 23.6  | 32.7  | 22.6   | 32.9   | 21.1  | 32. 4   | 22.5   | 31.3  | 23.1  | 31.3  | 23.2   | 31.2  | 24.3   | 32.3  | 23.   |
|          | 30. 2   | 24.2  | 32  | 22.5   | 33.5   | 22  | 32.5  | 21.9   | 31.2  | 22.9  | 31.5  |  | 28  | 22.8   | 31.8  | 22.   |
| Mean     | 30.5  | 24.2  | 31.3  | 22.3   | 32.2   | 21.5  | 31.9  | 21.3   | 31  | 21. 9   | 30.7  | 22.9   | 30. 4   | 22.5   | 31.2  | 23.   |
|          | 1   |   | ,   |  | 1  |   | i _   |  | 1   |   |   |  | l .   |  |   |   |
| Day      |   | ulong,<br>auan.   | Canlu<br>Cala   | ıbang,<br>mba.   | Para   | acale.  | Santa<br>Lag  | una.   | Ma  | nila.   | Anti  | polo.  | 11  | ba.  | San I   | sidro   |
| Day.     |   |   |   |  | Para<br>Maxi-<br>mum.  | i   |   | una.   | Maxi-<br>mum.   | Mini-<br>mum.   | Anti<br>Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | San I<br>Maxi-<br>mum.  | Min   |
| Day.     | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-   | Min   |
|          | Tana<br>Maxi-   | Mini-   | Cala<br>Maxi-   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maximum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mir<br>mu   |
|          | Maxi-<br>mum.<br>°C.<br>32 9<br>32.2  | Mini-<br>mum.<br>°C.<br>22.5<br>22.3  | Maxi-<br>mum.<br>°C.<br>33.4<br>32.4  | Mini-<br>mum.<br>°C.<br>21<br>21.5   | Maxi-<br>mum.<br>°C.<br>31.6°  | Mini-<br>mum.<br>°C.<br>23<br>23.4  | Maxi-<br>mum.<br>°C.<br>33.7<br>33.3  | Mini-<br>mum.<br>°C.<br>21. 9<br>22. 5   | Maxi-<br>mum.<br>°C.<br>31.8<br>32.4  | Mini-<br>mum.<br>°C.<br>23<br>22. 6   | Maxi-<br>mum.<br>°C.<br>33.5<br>32.2  | Mini-<br>mum.<br>°C.<br>21.3<br>20.7   | Maximum.  °C. 31.5 30.8   | Mini-<br>mum.<br>°C.<br>23.5<br>23.1   | Maximum.  °C. 30.6 31.8   | Min mu 23. 23.  |
|          | Maxi-<br>mum.<br>°C.<br>32 9<br>32.2<br>31.9  | Mini-<br>mum.<br>°C.<br>22.5<br>22.3<br>22.6  | Cala<br>Maxi-<br>mum.<br>°C.<br>33.4<br>32.4<br>31.8  | Mini-<br>mum.<br>°C.<br>21<br>21.5<br>20.8   | Maxi-<br>mum.<br>°C.<br>31.6°<br>30<br>31.4  | Mini-<br>mum.<br>°C.<br>23<br>23. 4<br>23. 4  | Maxi-<br>mum.<br>°C.<br>33.7<br>33.3<br>33.6  | Mini-<br>mum.<br>°C.<br>21.9<br>22.5<br>22.1   | Maxi-<br>mum.<br>°C.<br>31.8<br>32.4<br>31.9  | Mini-<br>mum.<br>°C.<br>23<br>22. 6<br>23. 3  | Maxi-<br>mum.<br>°C.<br>33.5<br>32.2<br>31  | Mini-<br>mum.<br>°C.<br>21. 3<br>20. 7<br>21. 8  | Maximum.  ○C. 31.5 30.8 30.9  | Mini-<br>mum.<br>°C.<br>23.5<br>23.1<br>22.7   | Maximum.  °C. 30.6 31.8 31.7  | Min mu 23. 23. 23.  |
|          | Maxi-<br>mum.<br>°C.<br>32 9<br>32.2<br>31.9<br>31.8  | Mini-<br>mum.<br>°C.<br>22.5<br>22.3<br>22.6<br>22.8  | Maximum.  °C. 33.4 32.4 31.8 32.1   | Mini-<br>mum.<br>°C.<br>21<br>21.5   | Maxi-<br>mum.<br>°C.<br>31.6 •<br>30<br>31.4<br>31.7   | Mini-<br>mum.<br>°C.<br>23<br>23. 4<br>23. 4<br>23. 8   | Maxi-<br>mum.<br>°C.<br>33.7<br>33.3<br>33.6<br>33.8  | Mini-<br>mum.<br>°C.<br>21. 9<br>22. 5<br>22. 1<br>22  | Maximum.  °C. 31.8 32.4 31.9 31.7   | °C. 23 22. 6 23. 3 23. 4  | Maximum.  °C. 33.5 32.2 31 31.1   | Mini-<br>mum.<br>°C.<br>21.3<br>20.7<br>21.8<br>22   | Maximum.  °C. 31.5 30.8 30.9 30.9   | Mini-<br>mum.<br>°C.<br>23.5<br>23.1<br>22.7<br>23.7   | Maximum.  °C. 30.6 31.8 31.7 32.4   | Min mu 23. 23. 23. 23. 23.  |
|          | Maximum.  °C. 32 9 32.2 31.9 31.9 32.1 32.3   | Mini-<br>mum.<br>°C.<br>22.5<br>22.3<br>22.6<br>22.8<br>23.2<br>22.7  | Cala<br>mum.<br>°C.<br>33.4<br>32.4<br>31.8<br>32.1<br>33.3<br>33.4   | Minimum.  °C. 21 21.5 20.8 20.7 21 21.8  | Maximum.  °C. 31.6•30 31.4 31.7 34.2 34.3  | Mini-<br>mum.<br>°C.<br>23<br>23.4<br>23.4<br>23.8<br>23.8<br>23.6  | Maximum.  °C. 33.7 33.3 33.6 33.8 33.8 33.3   | °C. 21. 9 22. 5 22. 1 22 22. 6 22. 1   | Maxi-<br>mum.<br>°C.<br>31.8<br>32.4<br>31.9<br>31.7<br>31.6<br>31.5  | Minimum.  °C. 23 22.6 23.3 23.4 23.7 23.7   | Maximum.  °C. 33.5 32.2 31 31.1 30.3 31.3   | Mini-<br>mum.  °C. 21.3 20.7 21.8 22 22.3 22.2   | °C.<br>31.5<br>30.8<br>30.9<br>30.9<br>31   | Mini-<br>mum.<br>°C.<br>23.5<br>23.1<br>22.7<br>23.7<br>23.7<br>23.7<br>22.8   | Maximum.  ○C. 30.6 31.8 31.7 32.4 32.8 32.3   | Min<br>mu<br>23.<br>23.<br>23.<br>23.<br>23.<br>23.   |
|          | Maximum.  °C. 32 9 32.2 31.9 31.8 32.1  | Mini-<br>mum.<br>-22.5<br>22.3<br>22.6<br>22.8<br>23.2<br>22.7<br>22.9  | Cala  Maximum.  °C.  33.4 32.4 31.8 32.1 33.3 33.4 34   | Mini-<br>mum.<br>°C.<br>21<br>21.5<br>20.8<br>20.7<br>21<br>21.8<br>21.4   | °C. 31.6° 30 31.4 31.7 34.2 34.3 35.8  | Minimum.  °C. 23 23.4 23.4 23.8 23.8 23.6 23.8  | Maximum.  °C. 33.7 33.3 33.6 33.8 33.3 33.2 33.5  | Mini-<br>mum.<br>21. 9<br>22. 5<br>22. 1<br>22. 6<br>22. 1<br>22. 2  | Maximum.  °C. 31.8 32.4 31.9 31.7 31.6 31.5   | Mini-<br>mum.  °C. 23 22.6 23.3 23.4 23.7 23.7 24.9   | Maximum.  °C. 33.5 32.2 31 31.1 30.3 31.3 30.7  | Mini-<br>mum.  °C. 21.3 20.7 21.8 22 22.3 22.2 22.8  | Maximum.  °C. 31.5 30.8 30.9 30.9 31 31 31.3  | Minimum.  °C. 23.5 23.1 22.7 23.7 23.7 22.8 23.2   | Maximum.  °C. 30.6 31.8 31.7 32.4 32.8 32.8   | Min<br>mu<br>23.<br>23.<br>23.<br>23.<br>23.<br>23.<br>23.  |
|          | Maximum.  °C. 32 9 32.2 31.9 31.8 32.1 32.3 32.1  | Mini-<br>mum.<br>°C.<br>22.5<br>22.3<br>22.6<br>22.8<br>23.2<br>22.7<br>22.9<br>23.4  | Cala<br>mum.<br>°C.<br>33.4<br>32.4<br>31.8<br>32.1<br>33.3<br>33.4   | Minimum.  °C. 21 21.5 20.8 20.7 21 21.8 21.4 22.8  | Maximum.  °C. 31.6°30 31.4 31.7 34.2 34.3 35.8   | Mini-<br>mum.<br>°C.<br>23<br>23, 4<br>23, 8<br>23, 8<br>23, 8<br>23, 6<br>23, 8<br>24, 7   | Maximum.  °C. 33.7 33.6 33.8 33.8 33.2 33.5 33.6  | Mini-<br>mum.<br>°C.<br>21. 9<br>22. 5<br>22. 1<br>22. 2<br>22. 2<br>22. 2   | Maximum.  °C. 31.8 32.4 31.9 31.7 31.6 31.5 32 31.6   | Minimum.  °C. 23 22.6 23.3 23.4 23.7 24.7 24.9 24.7   | Maximum.  °C. 33.5 32.2 31 31.1 30.3 31.3 30.7 31.5   | Minimum.  °C. 21.3 20.7 21.8 22 22.3 22.2 22.8 22.7  | Maximum.  °C. 31.5 30.8 30.9 30.9 31 31 31.3  | Mini-<br>mum.<br>23.5<br>23.1<br>22.7<br>23.7<br>23.7<br>22.8<br>23.2<br>23.5  | Maximum.  °C. 30.6 31.8 31.7 32.4 32.8 32.8 32.3 32.8 33.3  | Min mu 23. 23. 23. 23. 23. 23. 23. 23. 23. 23.  |
|          | Maximum.  °C. 32 9 32.2 31.9 31.8 32.1 32.3 32.1 32 29.8  | Mini-<br>mum.<br>°C.<br>22.5<br>22.3<br>22.6<br>22.8<br>23.2<br>22.7<br>22.9<br>23.4<br>24.7<br>23.4                                  | Maximum.  °C. 33.4 31.8 32.1 33.3 33.4 34 33.8 32 31.2  | Minimum.  °C. 21 21.5 20.8 20.7 21 21.8 21.4 22.8 23.8 23.8 22.4   | Maximum.  °C. 31.6° 30 31.4 31.7 34.2 34.3 35.8 34 31 26   | Mini-<br>mum.<br>°C.<br>23<br>23, 4<br>23, 8<br>23, 8<br>23, 8<br>24, 7<br>25, 4<br>23, 8   | Maximum.  °C. 33.7 33.8 33.6 33.8 33.2 33.5 33.6 30.7 28.1  | Minimum.  °C. 21. 9 22. 5 22. 1 22. 2 24. 23. 5 23. 1  | Maximum.  °C. 31.8 32.4 31.9 31.7 31.6 31.5 32 31.6 31.3 30.2   | Minimum.  °C. 23 22. 6 23. 3 23. 4 23. 7 24. 9 24. 7 24. 7 24. 5 22. 4  | Maximum.  °C. 33.5 32.2 31 31.1 30.3 31.3 30.7 31.5 30.8 29.5   | Minimum.  °C. 21.3 20.7 21.8 22 22.3 22.2 22.8 22.7 22.7 22.5  | Maximum.  °C. 31.5 30.8 30.9 30.9 31 31 31.3 31.1 31.29.9   | Minimum.  °C. 23.5 23.1 22.7 23.7 23.7 22.8 23.2 23.5 23.6 23.5  | Maximum.  °C. 30.6 31.8 31.7 32.4 32.8 32.8 32.8 33.2 32.9 30.7   | Min mu 23. 23. 23. 23. 23. 23. 24. 23   |
|          | Maximum.  °C. 32 9 32.2 31.9 31.8 32.1 32.3 32.1 32.3 29.8 28.2 25.3  | Minimum.  °C. 22.5 22.3 22.6 22.8 23.2 22.7 22.9 23.4 24.7 23.4 24.7 23.2   | Maximum.  °C. 33.4 32.4 31.8 32.1 33.3 33.4 34 34 32 31.2 26.2  | mba.  Minimum.  °C. 21 21.5 20.8 20.7 21 21.8 21.4 22.8 23.8 22.4 22.3   | Maximum.  °C. 31.6- 30 31.4 31.7 34.2 34.3 35.8 34 31 26 24.8  | Mini-mum.  °C. 23 23, 4 23, 8 23, 8 23, 6 23, 8 24, 7 25, 4 23, 2 23, 3   | Maximum.  °C. 33.7 33.3 33.6 33.8 33.2 33.5 33.6 30.7 28.1  | Mini-<br>mum.<br>°C.<br>21. 9<br>22. 5<br>22. 1<br>22. 2<br>22. 6<br>22. 1<br>22. 2<br>24<br>23. 5<br>23. 1  | Maximum.  °C. 31.8 32.4 31.9 31.7 31.6 31.5 32 31.6 31.3 30.2 26.1  | Minimum.  °C. 23 22.6 23.3 23.4 23.7 24.7 24.7 24.5 22.4 5 22.5   | Maximum.  °C. 33.5 32.2 31 31.1 30.3 31.3 30.7 31.5 30.8 29.5 24.2  | Minimum.  °C. 21.3 20.7 21.8 22 22.3 22.2 22.8 22.7 22.7 22.5  | Maximum.  °C. 31.5 30.8 30.9 30.9 31 31 31.3 31.1 29.9 28.2   | Minimum.  °C. 23.5 23.1 22.7 23.7 23.7 23.8 23.6 23.6 23.5 22.2  | Maximum.  °C. 30.6 31.8 31.7 32.4 32.8 32.3 32.8 33.2 32.9 30.7 27.4  | Min mu 23. 23. 23. 23. 23. 23. 24. 24. 23. 23. 23.  |
|          | Maximum.  °C. 32 9 32.2 31.9 31.8 32.1 32.3 32.1 33 29.8 28.2 25.3 26.5   | Mini-<br>mum.<br>°C.<br>22.5<br>22.6<br>22.8<br>23.2<br>22.7<br>22.9<br>23.4<br>24.7<br>23.4<br>23.2<br>23.2                          | Cala Maximum.  °C. 33.4 32.4 31.8 32.1 33.3 33.4 34 33.8 32 31.2 26.2 28.6  | mba.  Minimum.  °C. 21 21.5 20.8 20.7 21 21.8 21.4 22.8 23.8 22.4 22.3   | Maximum.  °C. 31.6-30 31.4 31.7 34.2 34.3 35.8 34 31 26 24.8 28.5  | Mini-<br>mum.  °C. 23, 4 23, 4 23, 8 23, 8 23, 8 24, 7 25, 4 23, 2 23, 3 23, 5  | Maximum.  °C. 33. 7 33. 8 33. 8 33. 3 33. 2 33. 5 33. 6 30. 7 28. 1 25. 1   | Mini-<br>mum.<br>°C.<br>21. 9<br>22. 5<br>22. 1<br>22. 2<br>24. 23. 5<br>23. 1<br>22. 1<br>22. 1<br>22. 1<br>22. 2   | Maxi-mum.  °C. 31.8 32.4 31.9 31.7 31.6 31.5 32 31.6 31.3 30.2 26.1 28.8  | Minimum.  °C. 23 22. 6 23. 3 23. 4 23. 7 24. 9 24. 7 24. 5 22. 4 22. 5 23. 5  | Maximum.  °C. 33.5 32.2 31 31.1 30.3 31.3 30.7 31.5 30.8 29.5 24.2 27.2   | Minimum.  °C. 21.3 20.7 21.8 22 22.3 22.2 22.8 22.7 22.7 22.7 22.5 21  | Maximum.  °C. 31.5 30.8 30.9 31.9 31.3 31.1 31.9 29.9 28.2  | Mini-<br>mum.<br>°C.<br>23. 5<br>23. 1<br>22. 7<br>23. 7<br>22. 8<br>23. 2<br>23. 5<br>23. 6<br>23. 5<br>22. 2<br>22. 2  | Maxi-mum.  °C. 30.6 31.8 31.7 32.4 32.8 32.3 32.8 33.2 33.9 30.7 27.4 27.6  | Min<br>mu<br>23.<br>23.<br>23.<br>23.<br>23.<br>23.<br>24.<br>23.<br>24.<br>23.<br>23.  |
|          | Maximum.  °C. 32 9 32.2 31.9 31.8 32.1 32.3 32.1 32.8 28.2 25.3 26.5 25.5   | Minimum.  °C. 22.5 22.3 22.6 22.8 23.2 22.7 22.9 23.4 24.7 23.4 23.2 23.4 24.7 23.4 23.2 22.8   | Cala Maximum.  °C. 33.4 31.8 32.1 33.3 33.4 34 34 32 31.2 26.2 28.6 26.2 31.6   | Minimum.  °C. 21 21.5 20.8 20.7 21 21.8 21.4 22.8 23.8 22.4 22.3 22.2  | Maximum.  °C. 31.6- 30 31.4 31.7 34.2 34.3 35.8 34 31 26 24.8  | Mini-<br>mum.<br>°C.<br>23. 4<br>23. 4<br>23. 8<br>23. 6<br>23. 8<br>24. 7<br>25. 4<br>23. 2<br>23. 3<br>24. 7<br>25. 4<br>23. 2<br>23. 3<br>24. 8<br>25. 4<br>25. 8<br>26. 8<br>27. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8    | Maximum.  °C. 33.7 33.3 33.6 33.8 33.2 33.5 33.6 30.7 28.1 27.8 26.1 33.3   | Minimum.  °C. 21.9 22.5 22.1 22.6 22.1 22.2 24 23.5 23.1 22.4 22.2 22.4  | Maximum.  °C. 31.8 32.4 31.9 31.7 31.6 31.5 32 31.6 31.3 30.2 26.1  | Minimum.  °C. 23 22.6 23.3 23.4 23.7 24.7 24.7 24.5 22.4 5 22.5   | Maximum.  °C. 33.5 32.2 31 31.1 30.3 31.3 30.7 31.5 30.8 29.5 24.2  | Minimum.  °C. 21.3 20.7 21.8 22 22.3 22.2 22.8 22.7 22.7 22.5  | Maximum.  °C. 31.5 30.8 30.9 30.9 31 31 31.3 31.1 29.9 28.2   | Minimum.  °C. 23.5 23.1 22.7 23.7 23.7 23.8 23.6 23.6 23.5 22.2  | Maximum.  °C. 30.6 31.8 31.7 32.4 32.8 32.3 32.8 33.2 32.9 30.7 27.4  | Min<br>mu<br>23.<br>23.<br>23.<br>23.<br>23.<br>23.<br>23.<br>23.<br>23.<br>23.   |
|          | Maximum.  °C. 32 9 32.2 31.9 31.8 32.1 32.3 32.1 32.2 5.3 29.8 28.2 25.3 26.5 31.8  | Mini-mum.  °C. 22.5 22.3 22.6 22.8 23.2 22.7 22.9 23.4 23.4 23.2 23.4 23.2 22.3 22.8  | Cala  Maximum.  °C. 33.4 32.4 31.8 32.1 33.3 33.4 34 33.8 32.2 26.2 26.2 28.6 26.2 31.6   | Minimum.  °C. 21 21.5 20.8 20.7 21 21.8 21.4 22.8 22.4 22.3 22.2 22.4 20.8   | Maximum.  °C. 31.6-30 31.42 34.3 35.8 34 26 24.8 28.5 28.8 33.2 31.4   | Mini-<br>mum.<br>°C.<br>23<br>23, 4<br>23, 8<br>23, 8<br>24, 7<br>25, 8<br>24, 7<br>23, 2<br>23, 3<br>24, 7<br>23, 2<br>23, 3<br>24, 3<br>23, 8<br>24, 7<br>25, 8<br>26, 8<br>27, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28 | Maximum.  °C. 33.7 33.3 33.6 33.8 33.2 33.5 33.6 30.7 28.1 25.1 27.8 26.1 33.3  | Mini-<br>mum.  °C. 21. 9 22. 5 22. 1 22. 2 24 23. 5 23. 1 22. 1 22. 1 22. 2 24 22. 2 24 22. 2 22. 1 22. 1 22. 1 22. 2  | Maximum.  °C. 31.8 32.4 31.9 31.7 31.6 31.5 32.2 31.6 31.3 30.2 26.1 28.8 26.3 30.3   | Minimum.  °C. 23 22.6 23.4 23.7 24.9 24.7 24.5 22.4 22.5 23.5 23.5 23.5 22.3  | Maximum.  °C. 33.5 32.2 31 31.1 30.3 31.5 30.7 31.5 24.2 27.2 25.8 31.6 31.7  | Mini-mum.  °C. 21.3 20.7 21.8 22 22.3 22.2 22.8 22.7 22.7 22.5 21 21 21 22 20.8  | Maximum.  °C. 31.5 30.8 30.9 31 31.3 31.1 31.29.9 28.2 26.6 25.7 28.9 31.4  | Minimum.  °C. 23.5 23.1 22.7 23.7 23.7 22.8 23.6 23.5 22.2 22.8 22.4 22.2 23.2   | Maximum.  °C. 30.6 31.8 31.7 32.4 32.8 33.2 32.9 30.7 27.4 27.6 25.9 28.8 31.4  | Min mu 23. 23. 23. 23. 23. 24. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22.  |
|          | Maximum.  °C. 32 9 32.2 31.9 31.8 32.1 32.3 32.1 32.8 28.5 25.5 31 31.8   | Minimum.  °C. 22.5 22.3 22.6 22.8 23.2 22.7 22.9 23.4 24.7 23.2 23.4 23.2 22.8 22.8 22.8 22.2   | Cala  Maximum.  °C. 33.4 31.8 32.1 33.3 33.4 33.8 32.2 26.2 28.6 26.2 28.6 26.2 31.6 32 32.1  | Mini-mum.  °C. 21 21.5 20.8 20.7 21 21.8 21.4 22.8 23.8 22.4 22.3 22 22.2 22.4 20.8 21.8   | Maximum.  °C. 31.6° 30. 31.47 34.2 34.3 35.8 34 31.26 24.8 28.5 28.8 33.2 31.4   | Mini-<br>mum.<br>°C.<br>23<br>23. 4<br>23. 8<br>23. 8<br>23. 6<br>23. 8<br>24. 7<br>25. 4<br>23. 2<br>23. 3<br>24. 7<br>25. 4<br>23. 2<br>23. 3<br>23. 5<br>23. 7<br>23. 7  | Maximum.  °C. 33.7 33.6 33.8 33.2 33.5 33.6 30.7 28.1 25.1 27.8 26.1 33.3 32.2 31.8   | Minimum.  °C. 21. 9 22. 5 22. 1 22. 22. 2 24 23. 5 23. 1 22. 1 22. 4 23. 22. 2 22. 2 22. 2 22. 2 22. 2 22. 2   | Maximum.  °C. 31.8 32.4 31.9 31.7 31.6 31.5 32 26.1 28.8 26.3 30.3 31.5 31.3  | Minimum.  °C. 23 22. 6 23. 3 22. 6 23. 7 24. 9 24. 7 24. 5 22. 5 22. 5 23. 5 22. 3 23. 5 22. 2  | Maximum.  °C. 33.5 32.2 31 31.1 30.3 30.7 31.5 30.8 29.5 24.2 27.2 25.8 31.6 31.7 30.6  | Minimum.  °C. 21.3 20.7 21.8 22 22.3 22.2 22.8 22.7 22.7 22.7 22.7 21 21 21 21 22 20.8 20.3  | Maximum.  °C. 31.5 30.8 30.9 31.9 31.3 31.3 29.9 28.2 26.6 25.7 28.9 31.4   | Minimum.  °C. 23.5 23.1 22.7 23.7 23.7 22.8 23.6 23.6 22.2 22.8 22.2 22.8 22.2 22.2  | Maximum.  °C. 30.6 31.8 31.7 32.4 32.8 32.3 32.8 32.9 30.7 27.4 27.6 25.9 28.8 31.4   | Min mu 23. 23. 23. 23. 23. 23. 23. 23. 23. 23.  |
|          | Maximum.  °C. 32 9 32.2 31.9 31.8 32.1 32.3 32.1 32.3 32.1 33 29.8 26.5 31 31.8 31.8 31.8   | Mini-mum.  °C. 22.5 22.3 22.6 22.8 23.2 22.7 22.9 23.4 24.7 23.2 23.4 24.7 22.8 22.8 22.8 22.8 22.8 22.8                              | Cala  Maximum.  °C. 33.4 32.4 31.8 32.1 33.3 33.4 34 33.8 32.2 26.2 26.2 28.6 26.2 31.6   | Mini-<br>mum.  °C. 21 21.5 20.8 20.7 21 21.8 21.4 22.8 23.8 22.4 22.3 22.2 22.4 20.8 21.8 21.8 22.8  | Maximum.  °C. 31. 6- 30 30 31. 4 31. 7 34. 2 34. 3 35. 8 34 31 26 24. 8 33. 2 31. 4 31 27. 3 31. 7   | Mini-<br>mum.<br>°C.<br>23<br>23, 4<br>23, 8<br>23, 8<br>24, 7<br>25, 8<br>24, 7<br>23, 2<br>23, 3<br>24, 7<br>23, 2<br>23, 3<br>24, 3<br>23, 8<br>24, 7<br>25, 8<br>26, 8<br>27, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28, 8<br>28 | Maximum.  °C. 33.7 33.3 33.6 33.8 33.2 33.5 33.6 30.7 28.1 25.1 27.8 26.1 33.3  | Mini-<br>mum.  °C. 21. 9 22. 5 22. 1 22. 2 24 23. 5 23. 1 22. 1 22. 1 22. 2 24 22. 2 24 22. 2 22. 1 22. 1 22. 1 22. 2  | Maximum.  °C. 31.8 32.4 31.9 31.7 31.6 31.5 32.2 31.6 31.3 30.2 26.1 28.8 26.3 30.3   | Minimum.  °C. 23 22.6 23.4 23.7 24.9 24.7 24.5 22.4 22.5 23.5 23.5 23.5 22.3  | Maximum.  °C. 33.5 32.2 31 31.1 30.3 31.5 30.7 31.5 24.2 27.2 25.8 31.6 31.7  | Mini-mum.  °C. 21.3 20.7 21.8 22 22.3 22.2 22.8 22.7 22.7 22.5 21 21 21 22 20.8  | Maximum.  °C. 31.5 30.8 30.9 31 31.3 31.1 31.29.9 28.2 26.6 25.7 28.9 31.4  | Minimum.  °C. 23.5 23.1 22.7 23.7 23.7 22.8 23.6 23.5 22.2 22.8 22.4 22.2 23.2   | Maximum.  °C. 30.6 31.8 31.7 32.4 32.8 33.2 32.9 30.7 27.4 27.6 25.9 28.8 31.4  | Min mu  o(23. 23. 23. 23. 23. 23. 23. 24. 23. 24.   |
|          | Maximum.  °C. 32 9 32.2 31.9 31.8 32.1 32.3 32.1 33.29.8 28.2 25.3 32.1 31.8 31.8 31.8 32.28.1  | Mini-mum.  °C. 22.5 22.3 22.6 22.8 23.2 22.7 22.9 23.4 23.4 23.2 23.4 23.2 23.4 23.2 23.4 23.8 22.8 23.8                              | Cala  Maximum.  °C. 33.4 31.8 32.1 33.3 33.4 33.8 32 26.2 26.2 28.6 26.2 31.6 30.9 31   | Mini-mum.  °C. 21 21.5 20.8 20.7 21 21.4 22.8 21.4 22.8 22.4 22.3 22.4 20.8 21.8 21.8 22.4 20.8 22.6   | Maximum.  °C. 31.6-30 31.4 31.7 34.2 34.3 35.8 34 31 26 28.8 38.2 31.4 31 27.3 31.7  | Minimum.  C. 23, 4 23, 4 23, 8 23, 6 23, 8 24, 7 25, 4 23, 2 23, 3 23, 7 24, 23, 2 24, 3 23, 5 24   | Maximum.  °C. 33.7 33.3 33.6 33.6 33.8 33.3 33.2 33.5 33.6 30.7 28.1 27.8 26.1 33.3 32 31.8 32 31.4 32.1  | Mini-<br>mum.  °C. 21. 9 22. 5 22. 1 22. 6 22. 2 24 23. 5 23. 1 22. 4 22. 2 24. 1 22. 2 22. 2 23. 5 24. 1  | Maximum.  °C. 31.8 32.4 31.9 31.6 31.5 32 31.6 31.3 30.2 26.1 28.8 26.3 30.3 31.5 31.3 31.5   | Minimum.  °C. 23 22. 6 23. 3 23. 4 23. 7 24. 9 24. 5 22. 5 23. 5 22. 3 22. 2 24 23. 2 24. 2   | Maximum.  °C. 33.5 32.2 31. 30.3 31.5 30.7 31.5 24.2 27.2 25.8 31.6 31.7 30.6 31.2 30.3 30.5  | Minimum.  °C. 21. 3 20. 7 21. 8 22 22. 8 22. 2 22. 8 22. 7 22. 7 22. 5 21 21 21 21 22 20. 8 20. 8 22. 2 21. 2 21. 2  | Maximum.  °C. 31.5 30.8 30.9 31 31.3 31.3 31.1 31.9 28.2 26.6 25.7 28.9 31.4 30.4 31.1 30.8   | Minimum.  °C. 23.5 23.1 22.7 23.7 22.8 23.6 23.6 22.2 23.6 22.2 22.8 22.1 22.2 23.2 23.2 23.2 23.2 23.2 23.2   | Maximum.  C. 30.6 31.8 31.7 32.4 32.8 32.9 30.7 27.4 625.9 28.8 31.4 32.4 31.6 30.9   | Minmu 23. 23. 23. 23. 23. 23. 24. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22.                             |
|          | Maximum.  °C. 32 9 32.2 9 31.9 31.8 32.1 32.3 32.1 32.8 26.5 31.8 31.8 31.8 32.8 28.1 28.5 29.3   | Mini-mum.  °C. 22.5 22.6 22.8 23.2 22.7 22.9 23.4 24.7 23.2 22.8 23.2 22.8 23.2 23.4 23.2 23.8 23.8                                   | Cala  Maximum.  °C. 33. 4 32. 1 33. 8 32. 1 33. 8 32. 2 26. 2 28. 6 26. 2 28. 6 30. 9 31 30. 6  | Mini-<br>mum.  °C. 21 21.5 20.8 20.7 21 21.8 21.4 22.8 22.3 22 22.4 22.3 22.1 21.8 22.4 22.6 22.4 22.6   | Maximum.  °C. 31.6° 300 31.4 31.7 34.2 34.3 35.8 34 31.26 24.8 28.5 28.8 33.2 31.4 31.7 32.2 31.5  | Minimum.  °C. 23. 4 23. 4 23. 8 23. 6 23. 8 24. 7 25. 4 23. 2 23. 3 23. 5 23. 8 23. 3 23. 5 24. 7 25. 4 23. 2 24. 3 25. 5 24. 8 25. 6 26. 8 27. 8 28. 8 28. 8 28. 8 28. 8 28. 8 28. 8 28. 8 28. 8 28. 8 28. 8   | Maximum.  °C. 33.7 33.6 33.8 33.2 33.5 33.6 30.7 28.1 27.8 26.1 33.3 32 31.8 32 31.4 32.1 31.3  | Mini-<br>mum.  °C. 21. 9 22. 5 22. 1 22 24 23. 5 23. 1 22. 1 22. 2 24. 2 23. 5 24. 1 22. 2 24. 2 23. 5 24. 1 22. 3 23. 6 24. 1 25. 3 25. 3 26. 3   | Maximum.  °C. 31.8 32.4 31.9 31.7 31.6 31.5 32 31.6 31.3 30.2 26.1 28.8 26.3 30.3 31.5 31.3   | Minimum.  °C. 23 22.6 23.3 23.4 23.7 24.9 24.7 24.5 22.5 23.5 23.5 22.2 24.2 24.2 24.5 23.2 24.5  | Maximum.  °C. 33.5 2 31 31.1 30.3 31.5 30.7 7 31.5 24.2 27.2 225.8 31.6 31.7 30.6 31.2 30.8 528.7   | Minimum.  C. 21. 3 20. 7 21. 8 22 22. 3 22. 2 22. 8 22. 7 22. 7 22. 7 22. 5 21 21 21 22 20. 8 20. 3 22. 2 2 21. 2 23 22. 6   | Maximum.  °C. 31.5 30.8 30.9 31.3 31.3 31.1 31.3 31.1 31.3 31.1 31.3 31.7 29.9 28.2 26.6 25.7 28.9 31.4 30.4 30.4 31.1 30.8 27.9          | Minimum.  °C. 23.51 22.7 23.7 22.8 23.6 23.6 23.6 22.2 22.8 22.4 22.2 21.6 22.7 23.2 23.2 23.2 23.2  | Maximum.  °C. 30.6 31.8 31.7 32.4 32.8 33.2 32.9 30.7 27.4 27.6 25.9 28.8 31.4 31.6 30.9 31.5   | Minmu 23. 23. 23. 23. 23. 23. 23. 23. 24. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22. 23. 22. 23. 23  |
|          | Maximum.  °C. 32 9 32.2 31.9 31.8 32.1 32.3 32.1 32.3 32.1 33.8 32.8 26.5 31 31.8 31.8 31.8 32.8 22.2 25.3 30.3   | Minimum.  °C. 22.5 22.3 22.6 22.8 23.2 22.7 22.9 23.4 24.7 23.4 24.7 23.4 23.2 22.8 23.8 22.8 23.8 22.8 23.8 23.8                     | Cala  Maximum.  °C. 33.4 31.8 32.1 33.3 33.4 33.8 32.1 31.6 32.1 31.6 30.9 31 30.6  | Mini- mum.  °C. 21 21.5 20.8 20.7 21 21.8 21.4 22.8 22.4 22.2 22.4 20.8 21.8 22.2 22.4 20.8 21.8 22.6 21.6 22.6  | Maximum.  °C. 31.6-30 31.4 31.7 34.2 34.3 35.8 34 28.5 28.8 33.2 31.4 31.27 32.2 31.5 31.5   | Mini-mum.  23. 4 23. 4 23. 8 23. 8 24. 7 25. 4 23. 2 23. 3 23. 7 25. 4 23. 2 23. 3 23. 7 23. 4 23. 8 24. 7 25. 2 25. 3 26. 7 27 28. 8 28. 7 28. 8 28. 9 28. 9 28. 9   | Maximum.  °C. 33.7 33.6 33.8 33.2 33.6 33.8 33.7 28.1 27.8 26.1 25.1 27.8 26.1 33.3 32 31.8 32 31.8 32.1 31.3   | Minimum.  °C. 21.9 22.1 22.1 22.2 4 5 23.1 22.1 22.2 2 24.1 22.2 22.1 22.2 24.5 23.1 22.4 5 23.3 5 24.1 23.9 23.6 23.3 6   | Maximum.  °C. 31.8 32.4 31.9 31.6 31.5 32 31.6 31.3 30.2 26.1 28.8 26.3 30.3 31.5 31.3 31.5 29.9  | Minimum.  °C. 23 22. 6 23. 3 23. 4 23. 7 24. 9 24. 7 24. 5 22. 4 22. 5 23. 5 22. 3 22. 2 24. 2 23. 2 24. 2 23. 2 24. 2 23. 2 24. 2 23. 2 24. 2 23. 2 24. 2  | Maximum.  °C. 33.5 32.2 31.1 30.3 31.3 30.7 31.5 30.8 29.5 24.2 27.2 25.8 31.6 31.7 30.6 31.2 30 30.5 30.5 30.7                                 | Minimum.  21. 3 20. 7 21. 8 22 22. 8 22. 7 22. 5 21 21 21 22 20. 8 22. 2 21. 2 22. 6 22. 6   | Maximum.  °C. 31.5 30.8 30.9 31.9 31.3 31.1 31.29.9 28.22 26.6 25.7 28.9 31.4 31.1 30.8 27.9 29.7 28.9                                    | Mini-mum.  | Maximum.  °C. 30.6 31.8 31.7 32.4 32.8 32.8 32.9 30.7 27.4 27.6 25.9 28.8 31.4 31.6 30.9 31.5   | Minmu 23. 23. 23. 23. 23. 23. 23. 23. 24. 23. 22. 23. 22. 23. 22. 23. 22. 23. 23  |
|          | Maximum.  °C. 32 9 32.2 31.9 31.8 32.1 32.3 32.1 32.3 32.1 33.8 32.8 26.5 31 31.8 31.8 31.8 32.8 22.2 25.3 30.3   | Minimum.  °C. 22.5 22.6 22.8 23.2 22.7 23.4 24.7 23.4 23.2 22.8 24.4 23.2 22.8 23.4 23.8 22.8 23.8 23.8                               | Cala  Maximum.  °C. 33.4 32.1 33.3 33.4 34 34 34 33.8 32.2 26.2 28.6 26.2 21.6 32.1 31.6 30.9 31 30.6 29.5 30.4   | Mini-mum.  °C. 21 21.5 20.8 20.7 21 21.8 22.4 22.3 22.4 22.3 22.4 22.4 22.4 22.4   | Maximum.  °C. 31.6-30 31.4 31.7 34.2 34.3 35.8 34 28.5 28.8 33.2 31.4 31.7 32.2 31.5 31.5 31.5 31.6  | Minimum.  23. 4 23. 4 23. 8 23. 8 23. 8 24. 7 25. 4 23. 2 23. 3 23. 5 24. 9 23. 9 23. 7 24. 23. 8   | Maximum.  °C. 33.7 33.3 33.6 33.8 33.3 33.2 33.5 33.6 30.7 28.1 27.8 26.1 33.3 32 31.8 32 31.8 32 31.4 32.1 31.3 32 31.6 30.2   | Mini-<br>mum.  °C. 21. 9 22. 5 22. 1 22 24 23. 5 23. 1 22. 1 22. 2 24 23. 5 23. 1 22. 1 22. 2 23. 5 24. 1 22. 2 23. 5 24. 1 23. 5 24. 1 24. 22. 2 25. 3 26. 3 27. 4 28. 8 28. 8 28. 8 28. 8 28. 8 28. 8  | Maximum.  °C. 31.8 32.4 31.9 31.6 31.5 32.26.1 28.8 26.3 30.3 30.2 26.1 28.8 26.3 31.5 31.3 31.5 29.9 7 30.1  | Minimum.  °C. 23 22. 6 23. 3 23. 4 23. 7 24. 9 24. 7 24. 5 22. 5 23. 5 22. 3 22. 2 24. 2 24. 5 23. 5 23. 5 22. 3 22. 2 24. 5 23. 5 24. 5 25. 23. 5 26. 23. 5 27. 24. 5 28. 5 29. 24. 5 29. 24. 5 29. 24. 5 29. 24. 5 29. 24. 5 29. 24. 5 29. 29. 29. 29. 29. 29. 29. 29. 29. 29.  | Maximum.  °C. 33.5 32.2 31.1 30.3 31.3 31.3 30.7 31.5 30.8 29.5 24.2 27.2 25.8 31.6 31.7 30.6 31.2 30.7 30.5 28.7 30.5 28.7 30.5 28.7 30.2 29.7 | Minimum.  °C. 21. 3 20. 7 21. 8 22 22. 3 22. 22 22. 8 22. 7 22. 5 21 21 21 21 22 20. 8 20. 3 22. 2 21. 2 21. 2 22. 8 22. 2 22. 2 22. 8 22. 7 22. 7 22. 7 22. 7 22. 7 22. 7                       | Maximum.  °C. 31.5. 30.8 30.9 31. 31. 31. 31. 31. 29.9 28.2 26.6 25.7 28.9 31.4 31.1 30.8 27.9 29.7 28.8 30.8                             | Minimum.  °C. 23.523.1 22.7 23.7 23.7 22.8 23.5 23.5 23.6 23.5 23.6 23.5 23.2 22.8 22.2 23.2 22.8 22.8 22.8 22.8   | Maximum.  °C. 30. 6 31. 8 31. 7 32. 4 32. 8 33. 2 33. 2 32. 9 30. 7 27. 4 27. 6 25. 9 30. 1 31. 4 31. 6 30. 9 31. 5 30. 1 31. 2 30. 5   | Min mu 23. 23. 23. 23. 23. 24. 23. 22. 23. 22. 23. 24. 23. 22. 23. 24. 23. 23. 23. 23. 23. 23. 23. 23. 23. 23   |
|          | Maximum.  °C. 32 9 32.2 31.9 31.8 32.1 32.3 32.1 32.3 32.1 33.8 32.8 26.5 31 31.8 31.8 31.8 32.8 22.2 25.3 30.3   | Mini-mum.  °C. 22.5 22.8 22.6 22.8 23.2 22.7 22.9 23.4 24.7 23.4 23.2 23.2 23.4 23.8 22.8 22.8 22.8 23.8 23.8 23.8 23.5 23.4          | Cala  Maximum.  °C. 33.4 32.4 32.8 32.1 33.3 33.4 33.8 32.2 66.2 31.6 30.9 31.3 30.6 20.6 20.5 30.4 29.0  | Mini- mum.  °C. 21 21.5 20.8 20.7 21 21.8 21.4 22.8 23.8 22.4 22.3 22.2 22.4 22.6 21.6 22.6 22.6 22.2 22.2 22.2 22.2   | Maximum.  °C. 31.6-30 31.4 31.7 34.2 34.3 35.8 34 28.5 28.8 33.2 31.4 31.7 32.2 31.5 31.5 31.5 31.6  | Minimum.  C. 23, 4 23, 4 23, 8 23, 6 23, 8 24, 7 25, 4 23, 2 23, 3 23, 7 25, 4 23, 2 23, 3 23, 7 23, 4 23, 8 24, 7 23, 8 24, 7 25, 24 25, 3 26, 7 27 28, 8 28, 8 28, 7 28, 8 28, 7 28, 8 28, 8 28, 7 28, 8 2  | Maximum.  °C. 33.7 33.8 33.6 33.8 33.2 33.5 33.6 30.7 28.1 25.1 27.8 26.1 33.3 32 31.4 32.31.4 31.3 32 31.6 30.2 28.8   | Mini- mum.  °C. 21.9 22.5 22.1 22.2 24 23.5 23.1 22.1 22.2 24 23.2 24.1 22.2 22.2 22.2 23.3 23.4 22.8 23.8   | Maximum.  °C. 31.8 32.4 31.9 31.6 31.5 32 31.6 31.3 31.5 31.5 | Minimum.  °C. 23. 3 22. 6 23. 3 23. 4 23. 7 24. 9 24. 7 24. 5 22. 4 22. 5 23. 5 22. 3 22. 2 24. 2 24. 5 24. 1 23. 5 24. 1 23. 5   | Maximum.  °C. 33.5.2 31.1 30.3 31.5 30.7 31.5 24.2 25.8 31.6 31.7 30.6 31.7 30.8 29.7 29.7 29.5   | Minimum.  °C. 21.3 20.7 21.8 22 22.2 22.2 22.5 21 21 21 22 20.8 20.3 22.2 21.2 22.6 22.7 22.6 22.7 22.8 22.6 22.7 22.8 22.8 22.8 22.8 22.8 22.8 22.8   | Maximum.  C. 31.5 30.8 30.9 30.9 31.1 31.3 31.1 31.4 31.4 30.8 27.9 29.7 28.8 8 29.3 30.8 30.8 30.8                                       | Minimum.   | Maximum.  °C. 30.6 31.8 31.7 32.4 32.8 33.2 33.2 33.9 30.7 27.4 27.6 25.9 28.8 31.4 32.4 31.6 30.9 31.5 30.15 30.15   | Minmu 23. 23. 23. 23. 23. 23. 23. 24. 23. 22. 23. 22. 23. 24. 23. 24. 23. 24. 23. 24. 23. 24. 23. 24. 23. 23. 24. 23. 24. 23. 23. 24. 23. 24. 25. 26. |
|          | Maximum.  °C. 32 9 32.2 31.9 31.8 32.1 32.3 32.1 32.5 31.8 31.8 31.8 31.8 31.8 32.8 28.2 28.5 20.5 31 31.8 31.8   | Minimum.  °C. 22.5 22.3 22.6 22.8 23.2 22.7 22.9 23.4 24.7 23.2 22.8 23.2 22.8 23.2 23.4 24.7 23.8 23.5 23.4 24.9                     | Cala  Maximum.  °C.  33. 4 32. 1 33. 8 32. 1 33. 8 32. 2 26. 2 28. 6 26. 2 31. 6 30. 9 31 30. 6 29. 5 30. 4 29 30. 9 32   | Mini-<br>mum.  °C. 21. 21. 5 20. 8 20. 7 21 21. 8 22. 8 22. 8 22. 2 22. 4 22. 3 22. 2 22. 4 22. 3 22. 6 21. 6 22. 4 22. 2 22. 4 22. 1 22. 6 21. 6 22. 1 22. 1                            | Maximum.  °C. 31.6-30 31.4 31.7 34.2 34.3 35.8 34 22.5 31.4 31 27.3 31.7 32.2 31.5 31.2 29.6 31.6 32.5                                       | Mini-mum.  23. 4 23. 4 23. 8 23. 8 23. 8 24. 7 25. 4 23. 2 23. 3 23. 7 25. 4 23. 8 23. 5 24 23. 7 24 24. 1 24. 6  | Maximum.  °C. 33.7 33.6 33.8 33.3 33.2 33.5 33.6 30.7 28.1 27.8 26.1 33.3 32 31.8 32 31.4 32.1 31.3 32 31.6 30.2 28.8   | Minimum.  °C. 21. 9 22. 5 22. 1 22. 2 24. 5 23. 1 22. 2 24. 1 22. 2 24. 1 22. 2 22. 2 23. 5 24. 1 22. 2 23. 5 24. 1 24. 23. 9 25. 24. 1 26. 23. 3 26. 23. 3 27. 25. 25. 25. 25. 25. 25. 25. 25. 25. 25   | Maximum.  °C. 31.83.2.4 31.9 31.6 31.5 32.6 31.3 30.2 26.1 28.8 26.3 31.5 31.3 31.5 31.5 31.3 31.5 31.5 30.2 30.2 30.2  | Minimum.  °C. 23 22. 6 23. 3 23. 4 23. 7 24. 9 24. 5 22. 4 22. 5 23. 5 22. 2 24. 5 22. 2 24. 5 23. 5 24. 5 25. 1 26. 5  | Maximum.  °C. 33.5 32.2 31.1 30.3 31.3 30.7 31.5 30.8 29.5 24.2 27.2 25.8 31.6 31.7 30.6 31.2 30 30.5 28.7 30.2 29.5 29.2 30.6                  | Minimum.  21. 3 20. 7 21. 8 22 22. 22 22. 8 22. 7 22. 5 21 21 21 22 20. 8 20. 3 22. 2 21. 2 22. 8 22. 7 22. 5 21 21 22 20. 8 20. 3 22. 2 22. 2 22. 3 22. 2 22. 3 22. 3                           | Maximum.  °C. 31.5. 30.8 30.9 31.9 31.3 31.3 31.1 29.9 28.2 26.6 25.7 28.9 31.4 31.1 30.8 27.9 29.3 30.8 30.8                             | Minimum.  °C. 23. 1 22. 7 23. 7 23. 7 22. 8 23. 2 22. 8 22. 2 22. 2 22. 2 23. 2 23. 2 24. 2 25. 2 26. 2 27 28. 8 28. 8 29. 2 21. 6 22. 7 28. 2 21. 6 22. 7 28. 2 21. 2 21. 2 22. 2 22. 2 22. 2 23. 2 24. 2 25. 2 2 | Maximum.  °C. 30.6 31.8 31.7 32.8 32.8 33.2.8 33.2.9 30.7 27.6 25.9 28.8 31.4 31.6 30.9 31.5 31.1 31.2 30.5 31.5  | Min mu 23. 23. 23. 23. 23. 23. 23. 23. 23. 23.  |
|          | Maximum.  °C. 32 9 32.2 31.9 31.8 32.1 32.3 32.1 32.5 31.8 31.8 31.8 31.8 31.8 32.8 28.2 28.5 20.5 31 31.8 31.8   | Minimum.  °C. 22.5 22.3 22.6 22.8 23.2 22.7 22.9 23.4 24.7 23.4 23.2 23.4 23.8 22.8 23.8 23.8 23.5 24.3 24.9 24.7                     | Cala  Maximum.  °C.  33. 4 32. 1 33. 3 33. 4 34 34 34 32. 26. 2 31. 6 30. 9 31 30. 6 30. 9 31 30. 6 30. 9 30. 9 30. 9 32. 2 32. 2 32. 2   | Minimum.  °C. 21 21.5 20.8 20.7 21 21.8 21.4 22.8 22.3 22.2 22.4 22.3 22.6 21.8 22.6 21.6 22.6 22.6 22.6 22.6 22.6 22.6  | Maximum.  °C. 31.6-30 31.4 31.7 34.2 34.3 35.8 34 28.5 28.8 33.2 31.4 31.7 32.2 31.5 31.5 31.5 31.6  | Minimum.  23. 4 23. 8 23. 6 23. 8 24. 7 25. 4 23. 2 23. 3 23. 5 24. 1 24. 6 24. 7 24. 7 24. 1 24. 6 24. 7   | Maximum.  °C. 33.7 33.8 33.6 33.8 33.2 33.5 33.6 30.7 28.1 25.1 27.8 26.1 33.3 32 31.4 32.31.4 31.3 32 31.6 30.2 28.8   | Minimum.  °C. 21.9 22.1 22. 1 22. 2 24. 1 22. 2 22. 1 22. 2 22. 1 22. 2 23. 5 24. 1 22. 4 23. 5 24. 1 23. 9 23. 6 23. 3 23. 4 22. 8 23. 5 24. 1  | Maximum.  °C. 31.8 32.4 31.9 31.6 31.5 32 31.6 31.3 31.5 31.5 | Minimum.  °C. 23 22. 6 23. 3 23. 4 23. 7 24. 7 24. 7 24. 5 22. 4 22. 5 23. 5 22. 3 22. 2 24. 2 23. 2 24. 2 24. 2 25. 1 26. 1 27 28. 5 29. 2 29. | Maximum.  °C. 33.5.2 31.1 30.3 31.5 30.7 31.5 24.2 25.8 31.6 31.7 30.6 31.7 30.8 29.7 29.7 29.5   | Minimum.  21. 3 20. 7 21. 8 22 22. 8 22. 7 22. 5 21 21 21 21 22 20. 8 22. 2 21. 2 22. 6 22. 7 22. 7 22. 6 22. 7 22. 7 22. 9 23   | Maximum.  °C. 31.5 30.8 30.9 31.9 31.3 31.3 31.1 31.29.9 28.22.66.6 25.7 28.9 31.4 30.4 31.1 30.8 27.9 29.7 28.8 29.3 30.8 30.8 30.8      | Minimum.   | Maximum.  °C. 30.6 31.8 31.7 32.4 32.8 32.9 30.7 27.4 27.6 25.9 28.8 31.4 32.4 31.6 30.9 31.5 31.5 31.5 31.5 31.2 30.5  | Min mu  o(23. 23. 23. 23. 23. 23. 24. 23. 22. 23. 22. 23. 22. 23. 24. 23. 24. 23. 23. 23. 23. 24. 23. 23. 23. 23. 23. 23. 23. 23. 23. 23              |
|          | Maximum.  °C. 32 93.2.2 31.9 32.1 33.32.1 33.32.1 33.8 28.2 25.5 31.8 31.8 31.8 31.8 32.1 28.5 29.3 30.3 30.3 30.3 30.3 30.3 30.3 30.3 3                            | Minimum.  °C. 22.5 22.6 22.8 23.2 22.7 23.4 23.4 23.2 24.7 23.4 23.2 23.4 23.8 22.8 23.8 23.8 23.8 24.9 24.7 24.6                     | Cala  Maximum.  °C. 33.4 31.8 32.1 33.3 33.4 33.8 32.1 31.6 32.1 31.6 32.1 31.6 32.1 31.6 32.1 31.6 32.1 31.6 32.2 32.2 32.2 32.2 32.2 32.2 32.2 32   | Minimum.  °C. 21 21.5 20.8 20.7 21 21.8 21.4 22.8 22.4 22.3 22.2 22.2 22.4 20.8 21.8 22.4 22.3 22.2 22.2 22.4 20.8 21.8 22.3 22.2 22.4 20.8 21.8 22.3 22.6 22.4 20.8 22.3 22.3 22.3 22.3 | Maximum.  °C. 31.6-30 31.4 31.7 34.2 34.3 35.8 34 28.5 28.8 33.2 31.4 31.7 32.2 31.5 31.5 31.5 31.5 31.5 31.5 31.5 31.5                      | Minimum.  23. 4 23. 4 23. 8 23. 8 23. 8 24. 7 25. 4 23. 8 23. 5 23. 8 23. 7 25. 4 23. 8 23. 7 24. 1 24. 6 24. 7 24  | Maximum.  °C. 33.7 33.6 33.8 33.2 33.6 33.8 33.1 25.1 25.1 27.8 26.1 25.1 27.8 26.1 25.1 27.8 26.1 27.8 26.1 27.8 26.1 27.8 26.1 27.8 26.1 27.8 26.1 27.8 26.1 27.8 26.1 27.8 26.1 27.8 26.1 27.8 28.1 27.8 28.8 32.3 30.2 29.1 | Minimum.  °C. 21.9 22.5 22.1 22. 6 22.1 22. 2 23. 5 23. 1 22. 1 22. 2 24. 1 22. 2 23. 5 24. 1 23. 3 23. 4 22. 8 23. 5 24. 1 23. 3 23. 4 24. 3 23. 3 23. 4 24. 3 23. 3 23. 4 24. 3 23 | Maximum.  °C. 31.8 32.4 31.9 31.6 31.5 32.3 30.2 26.1 28.8 26.3 30.3 31.5 31.3 31.5 31.3 31.5 29.9 30.7 30.1 30 30.2 30.7 30.5  | Minimum.  °C. 23 22. 6 23. 3 23. 4 23. 7 24. 9 24. 7 24. 5 22. 4 22. 5 23. 5 22. 3 22. 24 23. 2 24. 5 25. 1 24. 9 23. 6 24. 1 24. 9 23. 6 23. 5 24. 1 24. 9 23. 6 23. 5 24. 1 24. 9 23. 6 23. 5 24. 1 24. 9 23. 6 23. 5 24. 1 24. 9 23. 6 23. 5 23. 5 24. 1 24. 9 23. 6 23. 5 23. 5 24. 1 24. 9 23. 6 23. 5 23. 2   | Maximum.  °C. 33.5 32.2 31.1 30.3 31.3 30.7 31.5 30.8 29.5 24.2 27.2 25.8 31.7 30.6 31.2 30.5 28.7 30.5 29.7 29.5 29.2 30.6 27.5 30.2           | Minimum.  °C. 21.3 20.7 21.8 22 22.3 22.2 22.8 22.7 22.5 21 21 21 21 22 20.8 20.3 22.2 21.2 23 22.6 22 22.7 22.7 22.6 21.2 21.2 22.8 22.9 22.7 22.3 22.9 22.3 22.9 22.3 22.9 22.3 22.9 22.3 22.3 | Maximum.  °C. 31.5 30.8 30.9 31.9 31.3 31.1 31.29.9 28.22 26.6 25.7 28.9 31.4 31.1 30.8 27.9 29.7 28.8 30.8 30.8 30.8 30.8 30.8 30.8 30.8 | Minimum.  23.523.1 22.7 23.7 23.8 23.2 23.5 23.5 23.6 23.5 22.2 23.2 22.8 22.1 23.2 23.2 23.2 23.3 22.8 23.3 22.8 23.3 22.8 23.3 22.8 23.3 22.8 23.2 23.5 23.8 23.8 23.8 23.8 23.8 23.8 23.8 23.8  | Maximum.  OC. 30.6 31.8 31.7 32.8 32.8 32.8 32.9 30.7 27.4 27.6 25.9 28.8 31.4 31.6 30.9 31.5 31.5 31.5 31.5 31.5 29.6  | Min mu 23. 23. 23. 23. 23. 23. 23. 23. 24. 23. 22. 23. 22. 23. 22. 23. 22. 23. 23   |
|          | Maximum.  °C. 32 9 32.2 31.9 31.8 32.1 33.2 29.8 22.5.3 26.5 5 25.5 5 25.5 5 31.8 32.8 1 28.2 29.3 30.3 30.8 29.9 30.4 30.9 30.8 30.8 30.8 30.8 30.8 30.8 30.8 30.8 | Minimum.  °C. 22.5 22.3 22.6 22.8 23.2 22.7 22.9 23.4 24.7 23.2 23.2 22.3 22.8 23.8 23.2 23.4 23.8 23.5 23.4 23.8 23.5 24.7 24.6 24.7 | Cala  Maximum.  °C.  33. 4  32. 4  32. 8  32. 1  33. 3  33. 4  33. 8  32. 266. 2  31. 6  26. 2  31. 6  30. 9  31. 30. 6  29. 5  30. 4  29. 9  32. 2  32. 2  32. 2  32. 2  32. 2  32. 3  33. 2  33. 3  33. 4  34. 35. 8  32. 2  35. 30. 9  30. 6  29. 5  30. 9  30. 6  29. 5  30. 9 | Minimum.  °C. 21 21.5 20.8 20.7 21 21.8 22.8 22.4 22.3 22.6 22.6 22.6 22.6 22.6 22.6 22.6  | Maximum.  °C. 31.6-30 31.4 31.7 34.2 34.3 35.8 34 26 24.8 28.5 28.8 33.2 21.1 27.3 31.7 31.2 29.6 31.6 31.6 31.6 32.5 34 29.6 31.6 30.5 30.5 | Minimum.  23. 4 23. 4 23. 8 23. 6 23. 8 24. 7 25. 4 23. 2 23. 3 23. 7 25. 4 23. 2 23. 3 23. 7 24. 1 24. 6 24. 5 24. 7 24 23. 7 24 24. 7 24 25 24. 7 24 25 26 27 28 28 28 28 28 28 28 28 28 28 28 28 28  | Maximum.  °C. 33.7 33.3 33.6 33.8 33.2 33.5 33.6 30.7 28.1 25.1 27.8 26.1 33.3 32 31.4 31.3 32 31.4 31.3 32 31.6 30.2 28.8 32.8 32.8 32.8 32.8 32.8 32.8 32   | Minimum.  °C. 21.9 22.1 22.1 22.2 24 23.5 23.1 22.1 22.2 24 23.5 23.1 22.1 22.2 24 23.5 23.1 22.8 23.8 23.4 24.1 23.3 23.4   | Maximum.  °C. 31.8 32.4 31.9 31.6 31.5 32 31.6 31.3 30.2 26.1 28.8 26.3 30.3 31.5 31.3 31.5 29.9 30.7 30.1 30.2 30.7 30.5 31.3  | Minimum.  °C. 23. 3 22. 6 23. 3 23. 4 23. 7 24. 9 24. 7 24. 5 22. 4 22. 5 23. 5 22. 3 22. 2 24. 2 24. 2 24. 5 24. 1 24. 9 24. 5 25. 1 24. 9 23. 5 24. 9 23. 5 24. 9 23. 5 24. 9 24. 1 24. 9 25. 5 26. 23. 5 26. 23. 5 27. 24. 9 28. 5 28. 5 28. 5 28. 5 28. 5 28. 5 28. 5 28. 5 28. 5 28. 5 28. 2 28. 2 28. 2 28. 5 28. 5 28. 2 28. 2   | Maximum.  °C. 33.5 23.2 31.1 30.3 31.5 30.7 31.5 24.2 27.2 25.8 31.6 31.7 30.6 31.7 30.8 29.7 29.7 29.5 29.2 30.6 27.5 30.2 30.2 29.7           | Minimum.  °C. 21.3 20.7 21.8 22 22.2 22.2 22.7 22.5 21 21 21 21 22 20.8 20.3 22.2 21.2 22 21.2 22 21.2 23 22.6 22.7 22.3 22.9 23.3 22.5 22.5   | Maximum.  C. 31.5 30.8 30.9 30.9 30.9 31.1 31.3 31.1 31.4 30.8 27.9 31.4 30.4 30.4 30.8 30.8 30.8 30.8 30.8 30.8 30.8 30.8                | Minimum.   | Maximum.  **OC.** 30.6 31.8 31.7 32.4 32.8 33.2 33.2 33.2 33.2 34.2 7.27.4 625.9 28.8 31.4 31.5 30.5 30.1 5 30.5 31.5 31.5 31.5 31.5 31.5 31.2 30.5 31.5 31.3 29.6 29 29 31.2 | Min mu 23. 23. 23. 23. 23. 23. 23. 23. 23. 23.  |
|          | Maximum.  °C. 32 93.2.2 31.9 32.1 33.32.1 33.32.1 33.8 28.2 25.5 31.8 31.8 31.8 31.8 32.1 28.5 29.3 30.3 30.3 30.3 30.3 30.3 30.3 30.3 3                            | Minimum.  °C. 22.5 22.6 22.8 23.2 22.7 23.4 23.4 23.2 24.7 23.4 23.2 23.4 23.8 22.8 23.8 23.8 23.8 24.9 24.7 24.6                     | Cala  Maximum.  °C. 33.4 31.8 32.1 33.3 33.4 33.8 32.1 31.6 32.1 31.6 32.1 31.6 32.1 31.6 32.1 31.6 32.1 31.6 32.2 32.2 32.2 32.2 32.2 32.2 32.2 32   | Minimum.  °C. 21 21.5 20.8 20.7 21 21.8 21.4 22.8 22.4 22.3 22.2 22.2 22.4 20.8 21.8 22.4 22.3 22.2 22.2 22.4 20.8 21.8 22.3 22.2 22.4 20.8 21.8 22.3 22.6 22.4 20.8 22.3 22.3 22.3 22.3 | Maximum.  °C. 31.6-30 31.4 31.7 34.2 34.3 35.8 34 28.5 28.8 33.2 31.4 31.7 32.2 31.5 31.5 31.5 31.5 31.5 31.5 31.5 31.5                      | Minimum.  23. 4 23. 4 23. 8 23. 8 23. 8 24. 7 25. 4 23. 8 23. 5 23. 8 23. 7 25. 4 23. 8 23. 7 24. 1 24. 6 24. 7 24  | Maximum.  °C. 33.7 33.6 33.8 33.2 33.6 33.8 33.1 25.1 25.1 27.8 26.1 25.1 27.8 26.1 25.1 27.8 26.1 27.8 26.1 27.8 26.1 27.8 26.1 27.8 26.1 27.8 26.1 27.8 26.1 27.8 26.1 27.8 26.1 27.8 26.1 27.8 28.1 27.8 28.8 32.3 30.2 29.1 | Minimum.  °C. 21.9 22.5 22.1 22. 6 22.1 22. 2 23. 5 23. 1 22. 1 22. 2 24. 1 22. 2 23. 5 24. 1 23. 3 23. 4 22. 8 23. 5 24. 1 23. 3 23. 4 24. 3 23. 3 23. 4 24. 3 23. 3 23. 4 24. 3 23 | Maximum.  °C. 31.8 32.4 31.9 31.6 31.5 32.3 30.2 26.1 28.8 26.3 30.3 31.5 31.3 31.5 31.3 31.5 29.9 30.7 30.1 30 30.2 30.7 30.5  | Minimum.  °C. 23 22. 6 23. 3 23. 4 23. 7 24. 9 24. 7 24. 5 22. 4 22. 5 23. 5 22. 3 22. 24 23. 2 24. 5 25. 1 24. 9 23. 6 24. 1 24. 9 23. 6 23. 5 24. 1 24. 9 23. 6 23. 5 24. 1 24. 9 23. 6 23. 5 24. 1 24. 9 23. 6 23. 5 24. 1 24. 9 23. 6 23. 5 23. 5 24. 1 24. 9 23. 6 23. 5 23. 5 24. 1 24. 9 23. 6 23. 5 23. 2   | Maximum.  °C. 33.5 32.2 31.1 30.3 31.3 30.7 31.5 30.8 29.5 24.2 27.2 25.8 31.7 30.6 31.2 30.5 28.7 30.5 29.7 29.5 29.2 30.6 27.5 30.2           | Minimum.  °C. 21.3 20.7 21.8 22 22.3 22.2 22.8 22.7 22.5 21 21 21 21 22 20.8 20.3 22.2 21.2 23 22.6 22 22.7 22.7 22.6 21.2 23 22.9 22.3 22.9 23.3 22.1 21.3 22.9                                 | Maximum.  °C. 31.5 30.8 30.9 31.9 31.3 31.1 31.29.9 28.22 26.6 25.7 28.9 31.4 31.1 30.8 27.9 29.7 28.8 30.8 30.8 30.8 30.8 30.8 30.8 30.8 | Minimum.  23.523.1 22.7 23.7 23.8 23.2 23.5 23.5 23.6 23.5 22.2 23.2 22.8 22.1 23.2 23.2 23.2 23.3 22.8 23.3 22.8 23.3 22.8 23.3 22.8 23.3 22.8 23.2 23.5 23.8 23.8 23.8 23.8 23.8 23.8 23.8 23.8  | Maximum.  OC. 30.6 31.8 31.7 32.8 32.8 32.8 32.9 30.7 27.4 27.6 25.9 28.8 31.4 31.6 30.9 31.5 31.5 31.5 31.5 31.5 29.6  | Mirr mu:  23. 23. 23. 23. 23. 23. 23. 23. 23. 23  |

a The thermometer shelter of this station was blown down during a typhoon of July 6. b The minimum temperatures of this station are not reliable; they seem to be too low.

Maximum and minimum temperatures at the stations of the Weather Bureau, August, 1918—Continued.

| D.  | Tar   | lac.   | Ва  | ler.  | Dagu  | ıpan.  | Boli  | nao.   | Bag   | ruio.  |   | ernan-<br>Inion.   | Echa  | agüe.   |
|---|---|--|---|---|---|--|---|--|---|--|---|--|---|---|
| Day.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   |  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   |
| 1 2 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | °C. 32, 2 32, 4 33, 6 35, 6 35, 8 36, 6 35, 8 36, 8 37, 22, 2 38, 6 37, 32, 2 38, 6 38, 7 31, 6 38, 7 31, 6 31, 7 32, 8 32, 8 32, 8 32, 8 32, 8 32, 8 32, 7 32, 8 32, 7 32, 8 32, 7 32, 8 32, 7 32, 8 32, 7 32, 7 32, 8 32, 7 32, 7 32, 8 32, 7 32, 7 32, 8 32, 7 32, 7 32, 8 32, 7 32, 7 32, 8 32, 7 32, 7 32, 7 32, 7 32, 8 | °C. 23. 4 22. 5 23 23 22 23. 1 23. 8 22. 7 22. 7 22. 7 22. 7 23. 5 23. 1 23. 1 23. 1 23. 1 23. 8 24. 8 24. 8 24. 8 24. 8 24. 8 25. 2 | °C. 31. 4 30.9 31.5 33.2 34 33.4 35.1 34.3 31.4 28.7 29.4 28.2 30.4 32.7 33.3 31.5 32.7 33.5 32.7 33.5 32.7 33.5 32.7 33.5 33.5 34.5 32.7 33.5 33.5 34.5 32.7 33.5 33.5 | °C. 22. 1 22. 1 22. 1 22. 7 21. 7 23. 5 22. 2 24. 1 22. 9 23. 4 23. 6 22. 3 23. 2 21. 9 22. 7 23. 5 23. 1 23. 1 23. 6 24. 4 23. 5 24. 1 23. 7 23. 5 22. 2 22. 2 22. 2 22. 2 22. 2 22. 2 22. 3 23. 2 23. 2 24. 4 25. 5 26. 22. 2 27. 23. 5 28. 7 29. 7   | °C. 31.8 31.8 32.34 33.4 32.8 32.6 32.7 27 29.7 33.4 32.8 32.5 31.9 32.4 32.5 31.5 31.7   | °C. 24. 4 23. 5 23. 8 24. 1 23. 5 23. 8 24. 4 25. 5 23. 2 23. 8 24. 4 25. 5 23. 2 24. 4 24. 2 24. 4 24. 2 25. 8 26. 2 26. 2 27. 2 28. 8 29. 2 29 | °C. 32.5 30 32.4 32.8 31.9 31.7 31.8 31.9 31.2 30.6 30.7 29 31.9 31.1 30.9 30.7 31.9 30.4 32.9 30.4 32.2 30.6 30.5 30.5 30.7  | °C. 24, 7 23, 9 24, 3 23, 7 24, 3 23, 6 24 24, 3 24, 4 22, 5 22, 1 23, 9 22, 9 22, 9 24, 4 23, 4 24, 5 24, 1 24, 5 24, 1 22, 6 23, 15 24, 1 24, 5 24, 1 22, 6 23, 18 24, 4 23, 9 24, 5 24, 1 24, 5 24, 1 24, 6 28, 1 24, 6 28, 1 24, 1 24, 6 28, 1 24, 1 24, 6 28, 1 24, 1 24, 6 28, 1 24, 1 24, 6 28, 1 24, 1 24, 6 28, 1 24, 1 24, 6 28, 1 24, 1 24, 6 28, 1 24, 1 24, 6 28, 1 24, 1 24, 6 28, 1 28, 9 28, 8 | °C. 22. 7 20. 8 21. 9 22. 9 22. 6 22. 3 24. 8 23. 5 22. 8 20. 17. 3 17. 7 17. 22. 8 22. 7 22. 8 22. 7 20. 8 22. 3 22. 1 22. 7 20. 8 22. 9 22. 3 22. 1 23. 6 24. 8 24. 8 22. 8 22. 23. 6 24. 8 22. 3 22. 1 23. 6 24. 8 24. 8 24. 8 25. 5 26. 5 26. 5 26. 1 | °C.<br>15. 2<br>15. 1<br>14. 8<br>14. 5<br>14. 6<br>13. 2<br>14<br>15. 8<br>15. 2<br>14. 9<br>15. 4<br>15. 3<br>15. 4<br>15. 5<br>14. 9<br>15. 4<br>15. 5<br>14. 9<br>15. 8<br>15. 5<br>14. 9<br>15. 8<br>15. 5<br>14. 9<br>15. 8<br>15. 5<br>14. 9<br>15. 8<br>15. 5<br>16. 5<br>16. 5<br>16. 5<br>17. 6<br>18. 7<br>18. 8<br>18. 7<br>18. 8<br>18. 7<br>18. 8<br>18. 7<br>18. 8<br>18. 7<br>18. 8<br>18. 7<br>18. 8<br>18. 8<br>18. 9<br>18. 9<br>18. 9<br>18. 9<br>18. 9<br>18. 9<br>18. 9<br>18. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9<br>19. 9 | °C. 31. 9 30. 7 32. 5 34. 1 34 33 32. 3 32. 5 32. 5 32. 5 32. 3 32. 6 32. 6 32. 4 32. 4 32. 4 32. 5 32. 3 32. 6 32. 7 31. 9 | °C. 24, 23, 24, 24, 25, 22, 8, 23, 6, 24, 5, 24, 5, 24, 5, 24, 5, 24, 23, 5, 24, 23, 6, 24, 23, 5, 23, 24, 23, 5, 24, 23, 5, 24, 23, 5, 24, 23, 5, 24, 23, 5, 24, 23, 5, 24, 23, 5, 24, 23, 5, 24, 23, 5, 24, 23, 5, 24, 23, 5, 24, 23, 5, 24, 23, 5, 24, 23, 5, 24, 23, 5, 24, 23, 5, 24, 23, 5, 24, 23, 5, 24, 23, 5, 24, 24, 23, 5, 24, 24, 25, 24, 25, 24, 25, 24, 25, 24, 25, 24, 25, 24, 25, 24, 25, 25, 25, 25, 25, 25, 25, 25, 25, 25  | °C. 31. 2 29 35. 35. 2 35. 1 35. 5 34. 5 32. 5 29. 6 31 34. 5 33. 7 34. 4 33. 7 34. 5 32. 2 32. 1 34. 5 32. 2 32. 1 34. 5 32. 2 32. 1 | °C. 22 21.3 22.4 4 22.2 22.2 21.8 22.3 21.9 22.5 22.5 22.8 23.9 23.5 23.2 23.9 22.2 24 24.3 22.8 22.7 22.8 22.8 22.8 22.8 22.7 22.8 22.8  |
|   |   |  | Can   | don.  | Vig   | gan.   | Tugue   | garao.   | La  | oag.   | Ap  | arri.  |   | ipe<br>eador.   |
| Day.  |   |  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  |   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-   |
| 1   |   |  | 32  | °C.<br>24. 7<br>24. 3<br>25. 6<br>25. 5<br>25. 5<br>26. 4<br>25. 5<br>26. 4<br>25. 5<br>25. 5<br>26. 4<br>25. 5<br>25. 6<br>24. 6<br>25. 6<br>24. 6<br>25. 2<br>25. 6<br>24. 5<br>25. 6<br>25. 6<br>26. 4<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25 | °C.<br>30.7<br>26.4<br>29.8<br>31.5<br>30.8<br>30.7<br>31.5<br>31.1<br>31.6<br>25.1<br>30.8<br>31.2<br>31.8<br>31.2<br>31.8<br>31.9<br>31.9 | °C. 22.8 23.5 24.5 25.5 25.8 25.7 24.1 23.8 24.2 23.3 22.6 24.2 23.9 23.5 23.9 23.5 23.9 24.1 22.5 22.5  | 0C.<br>29, 5<br>26, 2<br>29, 5<br>26, 2<br>34, 2<br>36, 9<br>37, 6<br>36, 7<br>30, 8<br>31, 5<br>30, 9<br>35, 8<br>36, 6<br>31, 5<br>35, 8<br>36, 6<br>36, 6<br>36, 6<br>36, 6<br>37, 6<br>37, 6<br>38, 7<br>38, 8<br>38, 9<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38, 8<br>38 | °C. 22 21.7 22.6 23.4 24 24.2 24.2 23.1 23.2 23.8 22.1 23.5 23.5 23.5 23.5 23.7 23.7 23.2 24.6 24.6 24.6   | °C. 30.9 26.1 28.3 30.9 32.1 31.3 31.3 31.8 31.6 31.5 30.9 23.8 29 30 31.4 30.9 33.1 30.7 30.1 30.1 31.8 30.4 30.4 30.4   | °C. 23. 1 23 24 24 22. 4 23 23. 8 23. 8 22. 9 22. 4 22. 1 23. 5 23. 5 23. 5 24. 9 22. 4 22. 1 23. 5 23. 6 22. 9 22. 4 22. 1 23. 5 23. 5 24. 9 22. 1 23. 5 23. 5 23. 6 23. 6 24. 9 22. 9 23. 6 24. 9 25   | °C. 28 25.1 27.7 30.5 32.6 33.8 31.5 31.9 30.5 31.4 30.8 31.2 30.9 30.8 31.2 32.6 33.9 30.8                                 | °C. 24 22, 6 23, 1 23, 8 24, 8 24, 8 25, 1 25, 8 24, 4 25, 1 23, 5 24, 8 24, 7 24, 8 24, 5 24, 8 24, 5 24, 8 24, 5 24, 8 24, 6 24, 7 24, 8 24, 8 25, 1 26, 6 | °C. 30. 4 24. 9 26. 4 9 26. 24. 9 29. 5 29. 5 29. 8 30. 5 30. 5 30. 3 31. 8 30. 8 30. 8 30. 8 30. 1 31. 4 28. 8 29. 2                 | °C.<br>22.8<br>23.5<br>24.5<br>24.6<br>24.4<br>24.6<br>22.4<br>23.3<br>24.4<br>22.6<br>24.1<br>24.1<br>24.4<br>23.6<br>24.1<br>24.1<br>24.2<br>24.1<br>24.2<br>24.1<br>24.2<br>24.1<br>24.2<br>24.1<br>24.4<br>24.6<br>24.4<br>24.6<br>24.6<br>24.6<br>24.6<br>24.6 |

# SEISMOLOGICAL BULLETIN FOR AUGUST, 1918.

By Rev. MIGUEL SADERRA MASÓ, S. J., Chief, Seismic and Magnetic Divisions, Weather Bureau.

## EARTHQUAKES FELT IN THE PHILIPPINES.1

- 2, 3<sup>h</sup> 02<sup>m</sup> [2, 11<sup>h</sup> 02<sup>m</sup>]. Tigaon (SE Luzon). Earthquake of intensity III, short duration.
- 2, 18<sup>h</sup> 07<sup>m</sup> [3, 2<sup>h</sup> 07<sup>m</sup>]. Butuan (N Mindanao). Oscillatory earthquake, direction SE-NW, intensity III, duration 4 seconds.
- 7, 6<sup>h</sup> 44<sup>m</sup> 29<sup>s</sup> \* [7, 14<sup>h</sup> 44<sup>m</sup> 29<sup>s</sup>]. Tigaon (SE Luzon). Earthquake of intensity III, with subterraneous rumbling.
- 11, 13<sup>h</sup> 20<sup>m</sup> [11, 21<sup>h</sup> 20<sup>m</sup>]. Surigao (NE Mindanao). Earthquake shock of intensity II-III.
- 11, 23<sup>h</sup> 30<sup>m</sup> 24<sup>s</sup> \* [12, 7<sup>h</sup> 30<sup>m</sup> 24<sup>s</sup>]. Antique (SW Panay). Earthquake of intensity IV, duration 5 seconds. It repeated 10 minutes later with less intensity. The origin seems to have been in the Sulu Sea, it was also recorded by the seismographs at Mambajao and Butuan.
  - 13, 15<sup>h</sup> 04<sup>m</sup> [13, 23<sup>h</sup> 04<sup>m</sup>]. Tigaon (SE Luzon). Earthquake of intensity III.
- 14, 5<sup>h</sup> 46<sup>m</sup> [14, 13<sup>h</sup> 46<sup>m</sup>]. Butuan (N Mindanao). Oscillatory earthquake of intensity III, duration 6 seconds.
- 14, 7<sup>h</sup> 15<sup>m</sup> [14, 15<sup>h</sup> 15<sup>m</sup>]. Ambos Camarines (SE Luzon). Earthquake of intensity III felt in the central part of the province, originated very likely in the Isarog.
- 14, 9<sup>h</sup> 19<sup>m</sup> 38<sup>s</sup> \* [14, 17<sup>h</sup> 19<sup>m</sup> 38<sup>s</sup>]. Baguio (W Luzon). Earthquake shocks of intensity II-III: the epicenter was towards the SE in Nueva Vizcaya.
- 18,  $22^h$   $13^m$   $00^s$  \* [19,  $6^h$   $13^m$   $00^s$ ]. Tigaon (SE Luzon). Earthquake shock of intensity II–III: the origin lay far away in the Pacific.
  - 22, 13<sup>h</sup> 01<sup>m</sup> [22, 22<sup>h</sup> 30<sup>m</sup>]. Sumay (Guam). Earthquake shock of intensity III.
- 28, 11<sup>h</sup> 12<sup>m</sup> [28, 19<sup>h</sup> 12<sup>m</sup>]. Laoag (NW Luzon). Oscillatory earthquake of intensity III.
- 29, 4<sup>h</sup> 05<sup>m</sup> [29, 12<sup>h</sup> 05<sup>m</sup>]. Masbate Island. Oscillatory earthquake, direction SW-NE, intensity III-IV, duration 8 seconds. Repeated 30 minutes later with the same intensity and direction.

# THE EARTHQUAKE OF SOUTHERN MINDANAO, AUGUST 15TH, 1918.

On the 15th of August at 12<sup>h</sup> 20<sup>m</sup> 28<sup>s</sup> \* [15, 20<sup>h</sup> 20<sup>m</sup> 28<sup>s</sup>] the whole Island of Mindanao was violently shaken by a violent and long earthquake. The meizoseismic area comprised the southern coasts of the Cotabato District facing Celebes Sea where the intensity of the shocks reached intensity IX. All the houses were either destroyed or

<sup>&</sup>lt;sup>1</sup>The intensity of earthquakes is given in the notation known as the Rossi-Forel scale. The time is that indicated by the seismographs at the Central Observatory whenever the disturbance has been registered by them. This fact is denoted by an asterisk (\*). Otherwise the time is that noted by the observer who sent the report. All time indications are in Greenwich mean time (midnight= $0^h$ ), insular time being added in brackets for the convenience of Philippine readers.

badly shaken, cracks were produced in the ground and landslides on the mountains, causing the death of about fifty persons in the civil settlements from which reports have been received. As the greatest part of the most affected region is inhabited by Moros and wild tribes, it is not known and will possibly never be known the amount of damage and the total number of casualties.

The origin of this great earthquake was in the sea, probably between the meridians 124° and 125° E and the parallels 5° and 6° N. Shortly after the earthquake a wave tide, estimated at some places twenty-four feet high, invaded the coast in an extension of about 150 kilometers, from near Port Lebak to Glan, drowning and carrying away many persons and animals. The small islands of Sarangani and Balut placed at the eastern end of the epicentral region sustained similar damages from the shocks and tide. As it occurred at night no particulars are given about the wave: as, for instance, if the sea receded before invading the coast, and about the time elapsed between the biggest shocks and the rising of the sea.

An extraordinary duration of several minutes is given to the principal earthquake, even by those living in the southern coast nearest to the epicenter. May be that such long duration comprises many different shocks: practically the earth continued trembling during that night and the following day. A Wiechert seismograph, placed at Butuan, some 330 kilometers distant from the coast, recorded ninety-six strong aftershocks up to 6<sup>h</sup> 50<sup>m</sup> of the following morning; a hundred and sixty during the 16th and the seven first hours of the 17th. To the end of the month it recorded three hundred and twelve shocks, 80 per cent of which were aftershocks of the great earthquake. The following month of September gave two hundred and eighty records, with at least 75 per cent originated in the Celebes Sea.

We owe the following report to the Honorable Governor of Mindanao Frank W. Carpenter:

Captain Malone of the Philippine Constabulary stationed at Glan, Cotabato, reports that the earthquake which occurred on the night of August 15, last, destroyed all houses in Sarangani Bay and so far as known killed forty-six people. He reports that the earthquake lasted for three minutes and ten seconds and was later followed by a tidal wave reaching as high as 24 feet at some points and at the Constabulary station at Glan to a height of 18 feet, thereby destroying all of the houses that had been shaken down by the shock and drowning a number of people, cattle, horses and other domestic animals and destroying all of the food supply of those living near the beach and all of the crops on the low lands. All native vintas were either destroyed or taken out to sea. Large rivers were completely obliterated and new ones created. He further reports that a slide occurred on one of the large mountains adjacent to Sarangani Bay and it is his opinion that a number of wild people living at the foot of the mountain were buried, but as yet no definite reports have come in.

L. B. Kidwell, who has a saw-mill at Port Lebak, reports that the tidal wave at his place was between 6 and 8 feet, killing six people and carrying a number of logs quite a distance inland. Light earthquakes have been almost continuous since August 15 both at Sarangani, Lebak and Cotabato, but no further damage has been done.

## Another private report adds:

To the south of Port Lebak far some forty miles there was a tidal wave variously estimated at from 20 to 25 feet. Several Moros were drowned.

The part of the Celebes Sea where this earthquake originated seems to be a very unstable region and naturally exposed to such cataclysms. Some geologists, among them the illustrious Lapparent, extend the geosynclinal called mediterranean to this region where it joints to the circumpacific geosynclinal. During the last six years not less than three submarine and very extensive earthquakes had originated in the same NE part of the Celebes Sea, the epicenter shifting sometimes towards the east at other times to the west, but always within the tract lying between Mindanao and the Archipelagos of Sanguir and Talaut and limited by the meridians 124° and 126° E, and the parallels 4°

and 6° N. One occurred on the 17th of August 1912 just one hour and twenty-six minutes after another big submarine earthquake originated farther east near to the 127° E meridian. Fifty-five minutes before a second earthquake had also occurred with its epicenter in the eastern part of Mindanao close to the 8° N parallel, this second shook the whole Agusan region and the eastern coasts. On the 14th of March 1913, took place a second very extensive and violent earthquake which shook the whole Island of Mindanao, and the Visayas placed N of it. Very recently on the 31st of January 1917, a third earthquake caused great damage and many victims in the Sarangani Bay and the near coasts. None of these three earthquakes had been followed by any noticeable tide in the southern coast of Mindanao, included always in their meizoseismic area.

The recent tide wave or tsunami caused by the earthquake of August 15th is the second modern case reported from the Island of Mindanao. The first followed a great earthquake in the Sulu Sea on the 21st of September 1897: the tidal wave swept the western coasts of Mindanao and the Zamboanga Strait, Basilan Island, Jolo Archipelago and Borneo coasts. Both tsunamis invaded coasts of Mindanao considered as safe from such cataclysms in the general and most elaborate catalogue of Rudolph.

[Time: Greenwich mean. Midnight=0b. Instrument: Wiechert seismograph; 1,000 kilograms.  $A_{N:}$  To=6.62,  $\epsilon$ =2.726,  $\frac{r}{T_0 2}$ =0.021;  $A_{E:}$  To=6.03,  $\epsilon$ =2.378,  $\frac{r}{T_0 2}$ =0.037. Alluvium. 2.40 meters above sea level.]

RECORDS OF THE MICROSEISMOGRAPH.

|     |       |            |  |   |         | Ampl                | itude.               |                    |
|-----|-------|------------|--|---|---------|---------------------|----------------------|--------------------|
| No. | Date. | Character. | Phase.   | Hour.   | Period. | A <sub>N</sub><br>μ | $\mathbf{A_E}$ $\mu$ | Remarks.           |
| 270 | 5     | I•         | eP<br>L<br>M <sub>N</sub><br>M <sub>E</sub><br>F | h. m. s.<br>21 48 22<br>48 29<br>48 31<br>48 31 | 2       | 90                  | 51                   |                    |
| 271 | 6     | Iv .       | eP<br>F  | 4 00 21<br>04                                   |         |                     |                      |                    |
| 272 | 6     | Ιν         | eP<br>F  | 11 19 52<br>22                                  |         |                     |                      |                    |
| 273 | 7     | Iv         | eP<br>L<br>M <sub>N</sub><br>M <sub>E</sub><br>F | 6 44 29<br>45 08<br>45 23<br>45 27<br>59        | 6 4     | 88                  | 97                   | Tigaon (SE Luzon). |
| 274 | 7     | Iv         | eP<br>F  | 7 01 32<br>03                                   |         |                     |                      | •                  |
| 275 | 7     | IΙν        | eP<br>L<br>M <sub>N</sub><br>F                   | 9 30 32<br>30 51<br>30 55<br>43                 |         | 714                 |                      |                    |
| 276 | . 7   | Iv         | eP<br>F  | 9 44 16<br>47                                   |         |                     |                      | ·                  |
| 277 | 7     | Iv         | eP<br>F  | 17 11 42<br>14                                  |         |                     |                      |                    |
| 278 | 8     | · Ir       | e<br>S<br>L<br>M <sub>E</sub><br>F               | 9 55 28<br>10 01 16<br>07 54<br>08 42<br>11 04  | 19      |                     | 34                   |                    |
| 279 | 8     | Iv         | eP<br>F  | 12 42 12<br>13 02                               |         |                     | -,                   | ·                  |
| 280 | 9     | Ιv         | eP<br>F  | 15 27 38<br>30                                  |         |                     |                      |                    |
| 281 | 9     | I          | eP<br>F  | 19 56 00<br>20 39                               |         |                     |                      |                    |
| 282 | 10    | Ιν         | eP<br>F  | 18 39 00<br>41                                  |         |                     |                      | ·                  |

Records of the microseismograph—Continued.

|     |       |            |                                       |          |                |                |          | Ampl                | itude.              |  |
|-----|-------|------------|---------------------------------------|----------|----------------|----------------|----------|---------------------|---------------------|--|
| No. | Date. | Character. | Phase.                                | н        | our.           |                | Period.  | A <sub>N</sub><br>μ | A <sub>E</sub><br>μ | Remarks.   |
| 283 | 11    | Ir         | eP<br>S<br>L                          | h.<br>23 | m.<br>30<br>33 | 8.<br>24<br>02 |          |                     |                     | Sulu Sea.  |
|     |       | !          | L                                     |          | 34             | 00             |          |                     |                     |  |
|     |       | i I        | M <sub>N</sub><br>M <sub>E</sub><br>F |          | 34<br>35       | 36<br>16       | 14       | 36                  | 51                  |  |
|     | 12    | ! !        | F                                     | 0        | 13             | 10             |          |                     |                     |  |
| 284 | 12    | Ir         | eР                                    | 5        | 04             | 16             |          |                     | l                   |  |
| 204 |       | 1 1        | $M_{\mathbf{E}}$                      |          | 09             | 22             | 9        |                     | 15                  |  |
|     |       | ! !        | М <sub>М</sub><br>F                   | 1        | 09<br>37       | 56             | 9        | 17                  |                     |  |
|     |       |            |                                       |          |                |                |          |                     |                     |  |
| 285 | 14    | Ιv         | eР                                    | 9        | 19             | 38             |          |                     |                     | Baguio (W Luzon). End overtaken by following earthquake. |
| 286 | 14    | Iv         | eР                                    | 9        | 20             | 33             |          |                     |                     | car inquare.   |
|     |       |            | eP<br>L<br>F                          |          | 21<br>25       | 32             |          |                     |                     |  |
| -   |       | _          |                                       |          |                | •              |          |                     |                     |  |
| 287 | 15    | I          | eP<br>F                               | 3        | 40<br>02       | 30             |          |                     |                     |  |
| 000 |       | ***        | eР                                    | 12       | 20             | 90             |          |                     |                     | Celahas Sas End avertakan by following conthaugha        |
| 288 | 15    | IIIr       |                                       |          |                | 28             |          |                     |                     | Celebes Sea. End overtaken by following earthquake       |
| 289 | 15    | IIr        | $\mathbf{eP}$                         | 13       | 02             | 48             |          | <u>-</u>            |                     | Celebes Sea. End overtaken by following earthquake       |
| 290 | 15    | IIr        | eP<br>F                               | 15       | <b>2</b> 8     | 40             |          |                     |                     | Celebes Sea.   |
|     |       |            | F                                     | 16       | 58             |                |          |                     |                     |  |
| 291 | 15    | IIr        | eР                                    | 17       | 32             | 43             |          |                     |                     | Celebes Sea.   |
| 1   |       |            | F                                     | 19       | 23             |                |          |                     |                     |  |
| 292 | 15    | Ir         | eP<br>F                               | 19       | 52             | 36             |          |                     |                     | Celebes Sea.   |
|     |       |            |                                       | 20       | 06             |                |          |                     |                     |  |
| 293 | 15    | Ir         | eP<br>F                               | 20       | 08<br>32       | 56             |          |                     |                     | Celebes Sea.   |
|     |       |            |                                       |          |                |                |          |                     |                     |  |
| 294 | 15    | Ir         | eP<br>T.                              | 20       | 36<br>38       | 13<br>00       |          |                     |                     | Celebes Sea.   |
|     |       |            | L<br>F                                | 21       | 20             | •              |          |                     |                     |  |
| 295 | 15    | Ir         | eР                                    | 22       | 45             | 38             | j        |                     |                     | Celebes Sea.   |
| 200 | 10    |            | F                                     | 23       | 12             |                |          |                     |                     |  |
| 296 | 15    | Ir         | eP                                    | 23       | 23             | 50             |          |                     |                     | Celebes Sea.   |
|     |       |            | F                                     | į        | 37             |                |          |                     |                     |  |
| 297 | 15    | Ir         | eP<br>F                               | 23       | 42             | 49             |          |                     |                     | Celebes Sea.   |
|     |       |            | F                                     |          | 59             |                |          |                     |                     |  |
| 298 | 16    | Ir         | eP                                    | 0        | 02             | 06             |          | <b>-</b>            | ļ <u></u>           | Celebes Sea.   |
|     |       |            | F                                     |          | 33             |                | <b>-</b> |                     |                     |  |
| 299 | 16    | Ir         | еP                                    | 1 2      | 58<br>22       | 00             |          |                     |                     | Celebes Sea.   |
|     |       |            | F                                     | Z        |                |                |          |                     |                     |  |
| 300 | 16    | IIr        | eP                                    | 3        | 28<br>29       | 08<br>48       |          |                     |                     | Celebes Sea. End overtaken by following earthquake       |
|     |       |            | S<br>L                                |          | 30             | 53             |          |                     |                     |  |
|     |       |            | $M_{N1}$                              |          | 31             | 10             | 7        | 143                 |                     |  |
|     |       |            | M <sub>E1</sub><br>M <sub>N2</sub>    |          | 32             | 47             | 11 9     | 264                 | 114                 |  |
|     |       |            | M <sub>E2</sub>                       |          | 33<br>34       | 17<br>43       | 9        | 204                 | 181                 |  |
|     |       |            | $\mathbf{M_{E3}}$                     |          | 35             | 48             | 10       |                     | 182                 |  |
|     |       |            | $M_{N3}$                              |          | 36             | 07             | 10       | 393                 | ļ                   |  |
| 301 | 16    | Ir         | eР                                    | 4        | 26             | 21             |          |                     |                     | Celebes Sea. End overtaken by following earthquake       |
| 302 | 16    | Ir         |                                       | 4        | 50             | 00             | 1        |                     |                     | Celebes Sea.   |
| 002 | 10    | 11         | eP<br>F                               | 5        | 22             | 20             |          |                     |                     | i  |
| 303 | 16    | Ir         | ePS                                   | 7        | 25             | 22             |          |                     |                     | Celebes Sea.   |
| 200 | -3    | 1          | L<br>F                                | 8        | 28             | 12             |          |                     |                     |  |
|     | ĺ     | i          |                                       | i        | 23             |                |          | i                   |                     |  |
| 304 | 16    | IIr        | eP<br>L                               | 8        | 38<br>40       | 17<br>00       |          |                     |                     | Celebes Sea. End overtaken by following earthquake       |
|     |       | 1          | $\mathbf{M_{N}}$                      | !        | 41             | 49             | 14       | 389                 |                     |  |
|     |       |            | $\mathbf{M}_{\mathbf{E}}$             | 1        |                | 10             | 12       |                     | 247                 |  |
| 305 | 16    | Ir         | eР                                    | 9        | 27             | 43             |          |                     |                     | Celebes Sea. End overtaken by following earthquake       |
|     |       | 1          |                                       | 1        | 01             | 00             | 1        |                     |                     | Celebes Sea.   |
| 306 | 16    | Ir         | eP<br>F                               | 10       | 36             | 00             |          |                     |                     | COLONIO DOM  |

# SEISMOLOGICAL BULLETIN.

# Records of the microseismograph—Continued.

|             |       |            |  |          |                      |                |         | Amp                 | litude.             | ·   |
|-------------|-------|------------|--|----------|----------------------|----------------|---------|---------------------|---------------------|---|
| No.         | Date. | Character. | Phase.   | Н.       | our                  | •              | Period. | A <sub>N</sub><br>μ | A <sub>E</sub><br>μ | Remarks.  |
| 307         | 16    | Ir         | eР   | h.<br>10 | m.<br>38             | s.<br>39       |         |                     |                     | Celebes Sea. End overtaken by following earthquake. |
| 308         | 16    | Ir         | eP<br>F  |          | 09<br>49             | 29             |         |                     |                     | Celebes Sea.  |
| 809         | 16    | Ir         | eP<br>F  | 16<br>18 | 56<br>05             | 29             |         |                     |                     | Celebes Sea.  |
| 310         | 16    | Ir         | eP<br>F  | 22<br>23 | 48<br>09             | 20             |         |                     |                     | Celebes Sea.  |
| 311         | 17    | Ir         | eР   | 1        | 34                   | 15             |         |                     |                     | Celebes Sea.  |
| 312         | 17    | Ir         | F<br>eP  | 4        | 51<br>46<br>15       | 42             |         |                     |                     | Celebes Sea.  |
| 313         | 17    | lr .       | F<br>eP  | 7        | 13                   | 38             |         |                     |                     | Celebes Sea.  |
| 314         | 17    | Ir         | F<br>eP  | 8        | 52<br>29             | 27             |         |                     |                     | Celebes Sea.  |
| 315         | 17    | Ir         | F  | 1        | 58                   | 00             |         |                     |                     | Celebes Sea.  |
|             |       |            | eP<br>F  | 19       | 08<br>53             | 00             |         |                     |                     | Celebes Sea.  |
| 316         | 18    | Ir         | eP<br>F  | 4        | 36                   |                |         |                     |                     | Celebes Sea.  |
| 317         | 18    | Ir         | eP<br>S<br>L                                       | 6        | 07<br>09<br>10       | 44<br>55<br>38 |         |                     |                     | Celeber Sea.  |
|             |       |            | M <sub>N</sub><br>F                                | 7        | 12<br>21             | 08             | 8       | 143                 |                     |   |
| 318         | 18    | Ir         | eP<br>F  | 8        | 10<br>27             | 54             |         |                     |                     | Celebes Sea.  |
| 319         | 18    | Ir         | eP<br>F  | 9        | 14<br>31             | 29             |         |                     |                     | Celebes Sea.  |
| <b>32</b> 0 | 18    | Ιν         | eP<br>F  | 22       | 13<br><b>27</b>      | 00             |         |                     |                     | Tigaon (SE Luzon).                                  |
| 321         | 19    | Ir         | eP<br>F  | 1        | 19<br>38             | 06             |         |                     |                     | Celebes Sea.  |
| 322         | 19    | Ir         | eP<br>F  | 4        | 20<br>25             | 05             |         |                     |                     |   |
| 323         | 19    | Ir         | eP<br>F  | 7        | 14<br>37             | 34             |         |                     |                     | Celebes Sea.  |
| 324         | 19    | Ir         | eP<br>F  | 17       | 11<br>26             | 00             |         |                     |                     | Celebes Sea.  |
| 325         | 19    | Ir         | eP<br>L  | 17       | 30<br>32             | 30<br>06       |         |                     |                     | Celebes Sea.  |
|             |       |            | $oldsymbol{\mathtt{M_E}}{oldsymbol{\mathtt{M_N}}}$ |          | 33<br>33             | 17<br>32       | 9       | 57                  | 36                  |   |
| 326         | 19    | <b>1</b> r | F<br>eP<br>F                                       | 18       | 52<br>09             | 16             |         |                     |                     | Celebes Sea.  |
| 327         | 20    | Ir         |  | 19       |                      | 30             |         |                     |                     | Celebes Sea.  |
|             |       |            | eP<br>S<br>L<br>M <sub>N</sub>                     | :        | 00<br>02<br>04<br>04 | 16<br>02<br>22 | 6       | 74                  |                     |   |
|             |       |            | M <sub>E</sub><br>F                                | 1        | 04<br>20             | 22             | 5       |                     | . 55                |   |
| 328         | 20    | Ir         | eP<br>F  | 2 3      | 50<br>12             | 00             |         |                     |                     | Celebes Sea.  |
| 829         | 20    | Ir         | eP<br>F  | 7        | 24<br>43             | 08             |         |                     |                     | Celebes Sea.  |
| <b>33</b> 0 | 20    | Ir         | eP<br>F  | 12<br>13 | 55<br>38             | 48             |         |                     |                     | Celebes Sea.  |
| 331         | 21    | Ir         | eP<br>F  | 0        | 20<br>02             | 53             |         |                     |                     | Celebes Sea.  |
| 332         | 21    | Ir         | eP<br>F  | 14       | 39<br>58             | 40             |         |                     |                     | Celebes Sea.  |

# ${\it Records} \ of \ the \ microse is mograph -- Continued.$

| 1    |       | :          |  |                |          |              | Ampl                | itude.               |                |
|------|-------|------------|--|----------------|----------|--------------|---------------------|----------------------|----------------|
| No.  | Date. | Character. | Phase.   | Hour.          | ;        | Period.      | A <sub>N</sub><br>μ | $\mathbf{A_E}$ $\mu$ | Remarks.       |
|      |       |            | - n  | h. m.          | 8.       |              |                     |                      | )              |
| 833  | 21    | Iv         | eP<br>F  | 21 57<br>22 08 | 17       |              |                     |                      |                |
| 334  | 22    | Ir         | eP<br>F  | 19 47<br>20 10 | 19       |              |                     |                      | Celebes Sea.   |
| 335  | 22    | Ir         | eP<br>F  | 23 02<br>12    | 50       |              |                     |                      | Celebes Sea.   |
| 336  | 23    | IIr        | e<br>S<br>L  | 6 45<br>53     | 41<br>05 |              |                     |                      |                |
|      |       |            | $egin{array}{c} \mathbf{L} \\ \mathbf{M_{N1}} \end{array}$       | 7 02           | 32<br>38 | 15           | 53                  |                      |                |
|      |       |            | $\mathbf{M_{E1}}$  | 04             | 14       | 19           |                     | 49                   |                |
|      |       |            | $egin{array}{c} \mathbf{M_{E_2}} \ \mathbf{M_{N_2}} \end{array}$ | 09<br>13       | 52<br>27 | 15<br>15     | 40                  | 31                   |                |
|      |       |            | C<br>F   | 42             | 36       |              |                     |                      |                |
|      |       |            |  | 8 26           | ••       |              |                     |                      |                |
| 337  | 23    | Ir         | eP<br>F  | 17 01<br>16    | 12       |              |                     |                      | Celebes Sea.   |
| 338  | 23    | Ir .       | eP<br>F  | 22 40<br>23 19 | 44       |              |                     |                      |                |
|      |       |            | F  |                |          |              |                     |                      |                |
| 339  | 25    | Ir         | eP<br>L  | 0 31           | 47<br>48 | <del>-</del> |                     |                      | Celebes Sea.   |
|      | į     |            | $\mathbf{M_{N}}$   | 34             | 05       | 7            | 47                  |                      |                |
|      |       |            | $egin{array}{c} \mathbf{M_E} \ \mathbf{F} \end{array}$           | 34<br>1 43     | 11       | 6            |                     | 45                   |                |
| 340  | 25    | Iv         | eΡ   | 2 50           | 02       |              |                     |                      |                |
| 010  | 1     |            | eP<br>F  | 54             |          |              |                     |                      | •              |
| 341  | 25    | Iv         | eP<br>F  | 12 55<br>13 06 | 24       | :            |                     |                      |                |
| 949  | 90    |            |  | 6 10           | 29       |              |                     |                      | Celebes Ses.   |
| 342  | 26    | Ir         | eP<br>F  | 21             | 49       |              |                     |                      | Celebes dea.   |
| 343  | 26    | 1r         | eP<br>F  | 8 54           | 13       |              |                     |                      | Celebes Sea.   |
|      |       |            |  | ;              |          |              |                     |                      |                |
| 344  | 26    | Iv         | eP<br>F  | 11 46<br>12 00 | 18       |              |                     | İ                    | •              |
| 345  | 26    | Iv         | eР   | 19 11          |          |              |                     |                      |                |
| 010  | 20    | 1          | F  | 14             |          |              |                     |                      |                |
| 346  | 26    | Iv         | eP<br>F  | 21 11<br>13    | 15       |              |                     |                      |                |
| 0.45 |       | ,          |  |                |          |              |                     |                      | -              |
| 347  | 27    | Iv         | eP<br>F  | 1 54<br>2 05   | 50       |              |                     |                      |                |
| 348  | 27    | Iv         | еP   | 20 02          | 12       |              |                     |                      |                |
|      |       |            | F  | 23             |          |              |                     |                      | -              |
| 349  | 31    | Iv         | eP<br>F  | 1 46<br>58     | 10       |              |                     |                      |                |
| 350  | 31    | Ir         | eР   | 21 59          | 09       |              |                     |                      | Celebes Sea.   |
| 900  | 31    | 1r         | er<br>F  | 22 40          | 03       |              |                     |                      | - Colones Con. |

#### TEMBLORES DE TIERRA SENTIDOS EN FILIPINAS.1

- 2, 3<sup>h</sup> 02<sup>m</sup> [2, 11<sup>h</sup> 02<sup>m</sup>]. Tigaon (SE de Luzón). Temblor de tierra de intensidad III, duración corta.
- 2, 18<sup>h</sup> 07<sup>m</sup> [3, 2<sup>h</sup> 07<sup>m</sup>]. Butúan (N de Mindanao). Temblor oscilatorio, dirección SE-NW. intensidad III. duración 4 segundos.
- 7, 6<sup>h</sup> 44<sup>m</sup> 29<sup>s</sup> \* [7, 14<sup>h</sup> 44<sup>m</sup> 29<sup>s</sup>]. Tigaon (SE de Luzón). Temblor de tierra de intensidad III, acompañado de ruido subterráneo.
- 11, 13<sup>h</sup> 20<sup>m</sup> [11, 21<sup>h</sup> 20<sup>m</sup>]. Surigao (NE de Mindanao). Temblor de tierra de intensidad II-III.
- 11, 23<sup>h</sup> 30<sup>m</sup> 24<sup>s</sup> \* [12, 7<sup>h</sup> 30<sup>m</sup> 24<sup>s</sup>]. Antique (SW de Panay). Temblor oscilatorio de intensidad IV, duración 5 segundos. Repitió 10 minutos después con menor intensidad. El origen de estos choques parece se hallaba en el Mar de Joló; fué registrado también por los sismógrafos de Mambajao y Butúan.
- 13, 15<sup>h</sup> 04<sup>m</sup> [13, 23<sup>h</sup> 04<sup>m</sup>]. Tigaon (SE de Luzón). Temblor de tierra de intensidad III.
- 14,  $5^h$   $46^m$  [14,  $13^h$   $46^m$ ]. Butúan (N de Mindanao). Temblor oscilatorio de intensidad III, duración 3 segundos.
- 14, 7<sup>h</sup> 15<sup>m</sup> [14, 15<sup>h</sup> 15<sup>m</sup>]. Ambos Camarines (SE de Luzón). Temblor de tierra de intensidad III sentido en la parte central de la provincia y originado al parecer en el Isarog.
- 14, 9<sup>h</sup> 19<sup>m</sup> 38<sup>s</sup> \* [14, 17<sup>h</sup> 19<sup>m</sup> 38<sup>s</sup>]. Baguio (W de Luzón). Temblor de tierra de intensidad II-III; el epicentro se hallaba al SE, hacia Nueva Vizcaya.
- 18, 22<sup>h</sup> 13<sup>m</sup> 00<sup>s</sup> \* [19, 6<sup>h</sup> 13<sup>m</sup> 00<sup>s</sup>]. Tigaon (SE de Luzón). Temblor de tierra de intensidad II-III; su origen parece se hallaba lejos en el Mar Pacífico.
  - 22, 13<sup>h</sup> 01<sup>m</sup> [22, 22<sup>h</sup> 30<sup>m</sup>]. Sumay (Guam). Temblor de tierra de intensidad III.
- 28,  $11^h$   $12^m$  [28,  $19^h$   $12^m$ ]. Laoag (NW de Luzón). Temblor oscilatorio de intensidad III.
- 29, 4<sup>h</sup> 05<sup>m</sup> [29, 12<sup>h</sup> 05<sup>m</sup>]. Isla de Masbate. Temblor oscilatorio, dirección SW-NE, intensidad III-IV, duración 8 segundos. Repitió 30 minutos más tarde con la misma intensidad y duración.

## EL TERREMOTO DEL SUR DE MINDANAO, 15 DE AGOSTO DE 1918.

El día 15 de agosto a 12<sup>h</sup> 20<sup>m</sup> 28<sup>s</sup> \* [15, 20<sup>h</sup> 20<sup>m</sup> 28<sup>s</sup>] toda la Isla de Mindanao fué sacudida por un violento y largo terremoto. El área meizosísmica comprendía las costas sur del distrito de Cotabato que miran al Mar de Célebes, donde la intensidad de los movimientos llegó al grado IX. Destruyó o causó graves desperfectos en todas las casas, abrió grietas en la tierra con derrumbamientos en los montes, resultando la muerte de unas cincuenta personas en los pueblos civiles de donde se tiene noticia. De la mayor parte de la región más afectada, habitada por moros y tribus salvajes, ni se tienen noticias completas de los daños y desgracias personales causadas ni tal vez se tendrán nunca.

Parece indudable que el origen o epicentro estaba en el mar entre los meridianos 124° y 125° E y los paralelos 5° y 6° N. Al terremoto sucedió una ola o marea colosal,

<sup>&</sup>lt;sup>1</sup> La intensidad de los terremotos se indica conforme a la conocida escala de Rossi-Forel. Cuanto a la hora de su ocurrencia, adoptamos la indicada por los sismógrafos de este Observatorio siempre que los hayan registrado, distinguiéndola por medio de un asterisco (\*). En caso contrario copiamos la apuntada por los observadores que nos envían las notas. Todas las indicaciones del tiempo se refieren al tiempo medio de Greenwich (medianoche  $=0^h$ ). Para conveniencia de los lectores de Filipinas se añade también el tiempo insular.

que en algunas partes se calculó llegaría a unos 7 metros de altura, la cual invadió la costa en una extensión de más de 150 kilómetros o sea desde cerca de Lebak hasta Glan, y ahogó y arrastró muchas personas y animales. Las Islas de Balut y Sarangani situadas al extremo oriental de la región epicéntrica fueron igualmente devastadas por el terremoto y la ola. Como este fenómeno ocurrió de noche no existen pormenores acerca del carácter de la ola: de si el mar retrocedió antes, ni del tiempo que tardó en sobrevenir la subida del agua después del terremoto. Este aun en los sitios de la costa más cercanos al epicentro tuvo una duración extraordinaria, todos los informes le dan varios minutos; es posible que se comprendan en la duración varios temblores, pues la tierra continuó prácticamente temblando toda aquella noche y el día siguiente. Un sismógrafo Wiechert, que funciona en Butúan, a una distancia de 330 kilómetros de la costa, registró 96 repeticiones desde la hora del terremoto principal hasta las 6<sup>h</sup> 50<sup>m</sup> del día 16, y 160 entre esta hora y las 7<sup>h</sup> 14<sup>m</sup> de la mañana del 17. Los días siguientes hasta el 1.º de septiembre el mismo aparato registró 312 sismos. 80 por ciento de los cuales eran réplicas del gran terremoto. Durante el mes de septiembre el número de registros llegó a 280, de los cuales unas dos terceras partes se originaron también en el Mar de Célebes.

A continuación traducimos el informe recibido del Honorable Gobernador de Mindanao, Mr. Frank W. Carpenter:

El Capitán Malone de la Constabularia Filipina estacionado en Glan, Cotabato, informa que el terremoto ocurrido la noche del 15 de agosto destruyó todas las casas en la bahía de Sarangani, y en cuanto se sabe causó la muerte de cuarenta y seis personas. Añade que el terremoto duró tres minutos y diez segundos, y que fué al poco rato seguido de una marea o subida del mar de 24 pies en algunos sitios y de solos 18 pies en la estación de Glan, la cual destruyó todas las casas desbaratadas por el terremoto y ahogó buen número de personas, ganado, caballos y animales domésticos, inutilizó todas las vituallas existentes en las casas cercanas al mar, e inundó y destruyó las hortalizas y otros productos de las tierras bajas. Todas las vintas (canoas) de los naturales fueron destruídas o llevadas mar adentro al retroceder la ola. Las bocas de grandes ríos quedaron obstruídas y se abrieron otras nuevas. Además informa que en una de las montañas cercanas a la bahía, se produjo un grande desmoronamiento de terreno y se teme que algunos salvajes que tenían sus viviendas al pie de la montaña desmoronada hayan quedado enterrados.

L. B. Kidwell que posee una aserradora en puerto Lebak, dice que allí la subida del mar alcanzó una altura de 6 a 8 pies solamente, causó la muerte de seis personas y llevó buen número de troncos muy tierra adentro.

#### Otro informante añade que:

A unas 40 millas al SE. de Lebak, el agua llegó a una altura de 20 a 25 pies y se ahogaron varios moros.

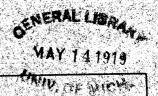
La parte oriental o NE del Mar de Célebes donde se originó el terremoto parece ser una región muy inestable y por consiguiente sujeta a semejantes cataclismos. Algunos geólogos, entre ellos el ilustre Lapparent, extienden hasta esta parte el geosinclinal llamado mediterráneo y en ella se junta con el correspondiente circumpacífico. Durante los últimos seis años habían tenido lugar en la misma región otros tres grandes terremotos submarinos originados unas veces algo más al este, otras al oeste, pero siempre en la parte NE del Mar de Célebes, entre Mindanao y los Archipiélagos de Sanguir y de Talaut, limitada por los meridianos 124° y 126° E y los paralelos 4° y 6° N.

Uno ocurrió el 17 de agosto de 1912, una hora y veintiséis minutos más tarde que otro gran terremoto originado más al este, cerca del meridiano 127°, y 55 minutos después de un segundo terremoto que tuvo su origen en la parte oriental de Mindanao cerca del paralelo 8° N y sacudió todo el valle del Agusan y las costas orientales. El 14 de marzo de 1913 tuvo lugar otro de una extensión inmensa el cual sacudió toda la Isla de Mindanao y las Islas Visayas que están al N. Muy recientemente, el 31 de enero de 1917,

otro causó gran destrucción y algunas víctimas en la bahía de Sarangani y en las vecinas costas. Ninguno sin embargo de estos tres terremotos produjo en las costas sur de Mindanao, incluídas siempre dentro de su área meizosísmica, oleaje apreciable.

El oleaje o tsunami producido por el del 15 de agosto último es el segundo caso que en los tiempos modernos registra la Isla de Mindanao. El primero ocurrió con el terremoto del 21 de septiembre de 1897 en el Mar de Joló; el oleaje producido hizo sentir sus efectos destructores en la península de Zamboanga y en las costas de Basilan, del Archipiélago de Joló y de la Isla de Borneo. Dos olas sísmicas o tsunamis que en un intervalo de veintiun años invadieron las costas de Mindanao a pesar de no estar citadas como expuestas a tales fenómenos en el completísimo catálogo general de Rudolph.

Pas B



THE GOVERNMENT OF THE PHILIPPINE ISLANDS

# WEATHER BUREAU

MANILA GENTRAL OBSERVATORY

BULLETIN FOR SEPTEMBER, 1918

PREPARED UNDER THE DIRECTION OF REV. JOSÉ ALGUÉ, S. J.
DIRECTOR OF THE WEATHER BUREAU

MANILA BUREAU OF PRINTING

|  |  |   | :   |   |
|--|--|---|---|---|
|  | 로 강성이 발견하는 경우 12 전 12 전 12 전 12 전 12 전 12 전 12 전 12  |   |   |   |
|  |  | 4), 40), 12, 12, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13 |   |   |
|  | ) (2. 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1  |   |   |   |
|  |  |   |   |   |
|  |  |   |   |   |
|  |  |   |   |   |
|  |  |   |   |   |
|  |  |   |   |   |
|  |  |   |   |   |
|  |  |   |   |   |
|  |  |   |   |   |
|  |  |   |   |   |
|  |  |   |   |   |
|  |  | r<br>F  |   |   |
|  |  |   |   |   |
|  |  |   |   |   |
|  |  |   |   |   |
|  | 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900<br>1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 |   |   |   |
|  |  |   |   |   |
|  |  |   |   |   |
|  |  |   |   |   |
|  |  |   |   |   |
|  |  |   |   |   |
|  |  |   |   |   |
|  |  |   |   |   |
|  |  |   |   | 1 |
|  |  |   |   |   |
|  |  |   |   |   |
|  |  |   |   |   |
|  |  |   |   |   |
|  |  | 14 (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                 |   |   |
|  |  | 기계 회사는 시간 회사를 하는 사람이 되었다면 하고록                           |   |   |
|  |  |   |   |   |
|  |  |   |   |   |
|  |  |   | 7. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. |   |
|  |  |   |   |   |
| 보냈는 그리스는 그들이 사이를 하면 하면 되어 있다. 그 이 이 사람 |  | 그는 그들은 사람들이 되었다고 살아지면 사용됐다면 되었다.                        | 그는 스크라마이 그 그는 그는 작은 사람들이                  |   |

## METEOROLOGICAL BULLETIN FOR SEPTEMBER, 1918.

By REV. JOSE CORONAS, S. J.,
Chief, Meteorological Division of the Weather Bureau.

### GENERAL WEATHER NOTES.

Pressure and temperature.—The mean atmospheric pressure of this month is somewhat higher than that of the preceding year and than the normal for September. The highest pressures were generally observed on the 26th in Luzon, and on the 19th in the Visayas and Mindanao. The lowest pressures were recorded in all our stations on the 5th when a typhoon was situated over the Pacific to the east of Balintang Channel.

With a very few exceptions the mean monthly temperature was also slightly higher than that of September 1917 and than the normal of this month. The absolute maximum and minimum temperatures for Manila were 32.3° C. and 22.9° C: they were registered on the 25th and 2nd, respectively. The extreme temperatures for Baguio were 24.9° C., 14.2° C. on the top of Mirador, and 26.2° C., 13.9° C. in the valley.

PRESSURE AND TEMPERATURE AT THE FIRST AND SECOND CLASS STATIONS FOR SEPTEMBER, 1916.

| ₹4<br>4.5 %   |  |  | 1   | Pressure  |  |   |      |   |   | Te  | mperat  | ure.  |  |  |
|---|--|--|---|---|--|---|------|---|---|---|---|---|--|--|
| Station.  | Mean.  | Departure<br>from<br>Sept.,<br>1917.   | Depar-<br>ture<br>from<br>normal.   | High-<br>est<br>mean.   | Day.   | Lowest<br>mean.   | Day. | Mean.   | Departure<br>from<br>Sept.,<br>1917.  | Departure from normal.  | High-<br>est.   | Day.  | Low-<br>est.   | Day.   |
| Zamboanga. Tagbilaran Surigao. Cebu Iloilo Taeloban Capiz Caibayog Legaspi Atimonan Ambulong, Tanauan Paracale M unilai San Isdro Dagupan Baguioa Vigan Tuguegarao Laoag Aparri | 58. 42<br>58. 54<br>58. 58<br>58. 10<br>58. 24<br>58. 13<br>57. 80<br>57. 79<br>57. 61<br>57. 58<br>58. 03<br>58. 27 | mm.<br>+1.39<br>+.48<br>+.48<br>+.58<br>+.28<br>+.28<br>+.22<br>+.37<br>+.13<br>+.49<br>+.49<br>+.49<br>+.49<br>+.49<br>+.49<br>+.49<br>+.49 | ###.  +0.80 + .59 + .70 + .88 + .45 + .56 + .54 + .71 + .89 + .89 + .55 + .66 + .64 | ###761, 12<br>60, 25<br>60, 16<br>60, 40<br>60, 27<br>60, 09<br>60, 01<br>60, 21<br>60, 43<br>59, 90<br>60, 44<br>60, 42<br>60, 90<br>780, 08<br>60, 59<br>59, 83<br>60, 59<br>59, 96<br>60, 88 | 19<br>19<br>19<br>19<br>19<br>25<br>19<br>26<br>26<br>26<br>26<br>26<br>26<br>26<br>26<br>26<br>26<br>26<br>26 | ******* 758. 09 758. 09 55. 50 55. 51 55. 71 55. 57 55. 23 54. 52 55 54. 10 53. 27 53. 10 53. 10 53. 22 631. 64 52. 22 52. 66 52. 53 52. 82 |      | °C. 26. 4<br>27. 7<br>27. 8<br>28. 2<br>27. 2<br>27. 6<br>27. 1<br>27. 2<br>26. 5<br>27. 5<br>26. 4<br>27. 1<br>17. 4<br>26. 9<br>26. 9<br>26. 9<br>27. 3 | °C.<br>+0.3<br>+1 3<br>+ 18<br>+ .6<br>+ .9<br>+ .8<br>+ .6<br>+ .6<br>+ .5<br>4<br>+ .3<br>+ .3<br>+ .3<br>+ .1<br>4<br>+ .1 | 0C.<br>+0.4<br>+ .4<br>+ .9<br>+ .6<br>+ .2<br>+ .4<br>0<br>+ .2<br>3<br>0<br>3 | °C. 533.7 33.1 82.6 31.8 36 84.4 9 32.3 34.5 24.9 34.4 4 86.2 535.5 | 5, 10, 12<br>16 10<br>25 25<br>11 4<br>27 18<br>22 22<br>24 28<br>24 28<br>9 27, 29 | °C. 22. 22. 5<br>22. 22. 22. 22. 22. 22. 22. 22. 22. 22. | 20<br>17<br>14<br>21<br>19<br>19<br>21<br>22<br>22, 29<br>15<br>16, 16<br>13<br>21, 29<br>21, 29 |

a The barometric readings of this station are not reduced to sea level.

Rainfall.—The total amount of rainfall for this month was generally below the normal, and also below the monthly total of September, 1917, in our stations throughout the Visayas and Mindanao. Our stations of Luzon have reported a monthly total which is generally above that of the preceding year, but below the normal for September. Thus the total rainfalls for Manila and Baguio differ respectively from that of: September, 1917, by + 75.1 mm. and + 51.3 mm., while they are 31.5 mm., and 154.1 mm. below the normal.

RAINFALL AT VARIOUS STATIONS OF THE WEATHER BUREAU DURING THE MONTH OF SEPTEMBER. 1918.

| Station.  | Total.   | Departure from<br>Sept., 1917.  | Departure from normal.  | Days of rain.  | Departure from<br>Sept., 1917.               | Greatest rainfall in a single day.   | Day.  | Station.  | Total.         | Departure from<br>Sept., 1917.   | Departure from normal.  | Days of rain.  | Departure from<br>Sept., 1917. | Greatest rainfall<br>in a single day.   | Day.   |
|---|--|---|---|--|--|--|---|---|----------------|--|---|--|--------------------------------|---|--|
| Jolo Isabela, Basilan Zamboanga Davao Cotabato Camp Keithley, Lanao Cagayan, Misamis Dapitan Butuan Mambajao Dumaguete Yap, Western Carolines Tagbilaran Iwahig Surigao Massin Cebu Iloilo San Jose Buenavista Cuyo Ormoc Guinan Tacloban Capta Borongan Catbalogan Catbalogan Catbalogan Calbayog Massiate Romblon Earag | 168. 4 92. 1 163. 2 182. 9 267. 7 57. 3 40. 7 5. 1 116. 1 16. 8 204. 4 79. 4 127. 8 205. 1 102. 8 205. 4 127. 9 105. 4 126. 9 105. 4 127. 9 114. 8 114. 8 114. 8 | - 22.6<br>+ 4.5<br>- 13.6<br>- 15.7<br>- 140.7<br>- 182.6<br>- 48.1<br>3 - 158.7<br>- 241.3<br>- 81.3<br>8 + 18.9<br>- 56.9<br>- 180.6<br>- 180.6<br>- 6.7<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- 6.9<br>- | - 24, 5<br>- 49, 1<br>- 137, 8<br>- 137, 8<br>- 138, 9<br>- 65, 1<br>- 75<br>- 112, 9<br>- 226, 5<br>- 217, 9<br>- 74, 2<br>- 44, 9<br>- 157, 6<br>- 139, 1<br>- 74, 7<br>- 70, 9 | 14<br>15<br>11<br>13<br>21<br>7<br>6<br>4<br>4<br>4<br>8<br>20<br>12<br>11<br>16<br>11<br>21<br>20<br>15<br>10<br>15<br>10<br>11<br>10<br>11<br>10<br>11<br>10<br>11<br>10<br>11<br>10<br>11<br>10<br>11<br>10<br>11<br>10<br>11<br>10<br>11<br>10<br>11<br>10<br>11<br>10<br>10 | -111-55-33-33-33-33-33-33-33-33-33-33-33-33- | mm. 40. 6<br>83. 5<br>64. 6<br>50. 8<br>14. 2<br>2 98. 5<br>35. 3<br>35. 3<br>36. 3<br>36. 3<br>46. 7<br>10. 2<br>139. 6<br>46. 7<br>10. 2<br>139. 6<br>46. 7<br>11. 8 | 29<br>1<br>20<br>17<br>12<br>22<br>27<br>20 | Sorsogon Legaspi Calapan Virac Naga Tigaon Batangas Lucena Atimonan Atimonan Ambulong, Tanauan Canlubang, Calamba Paracale Santa Cruz, Laguna Manila Antipolo Iba San Isidro Tarlac Baler Dagupan Bolinso Baguio San Fernando, Union Echagüe Candon Vigan Tuguegarao Laoag Aparri Cape Bojesdor | 342.7<br>313.6 | -259.2 -757.7 -757.8 -86.8 -351.5 -177.8 +39.2 +9.7 +49.5 +30.7 -243.4 +54.2 +75.1 +134.4 +42.7 -76.8 +113.4 +51.3 -83.6 -228.7 +197.6 -26.7 -26.7 -26.7 -26.7 -26.7 -26.7 -26.7 -26.7 | -158.1 -89.8 -45.6 -133.8 -4 -59.7 -31.5 -430.3 +20.8 -29.1 -118.3 +11.9 -26.7 -21.9 -36.4 +20.8 -23.6 -36.4 +193.2 | 10<br>11<br>15<br>18<br>18<br>11<br>11<br>14<br>22<br>27<br>26<br>25<br>23<br>23<br>16<br>23<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21 | - 6<br>- 7<br>- 7              | mm.<br>71. 6<br>21. 1<br>71. 9<br>35. 5<br>48. 5<br>71. 6<br>9<br>98. 9<br>98. 9<br>96. 8<br>36. 8<br>70. 6<br>66. 3<br>62. 2<br>114. 9<br>57. 1<br>48. 5<br>132. 4<br>101. 6<br>95. 1<br>95. 1<br>95. 1<br>95. 1<br>95. 1<br>95. 1<br>95. 1<br>95. 1 | 5<br>4<br>5<br>5<br>5<br>4<br>5<br>6<br>4<br>23<br>5<br>11 |

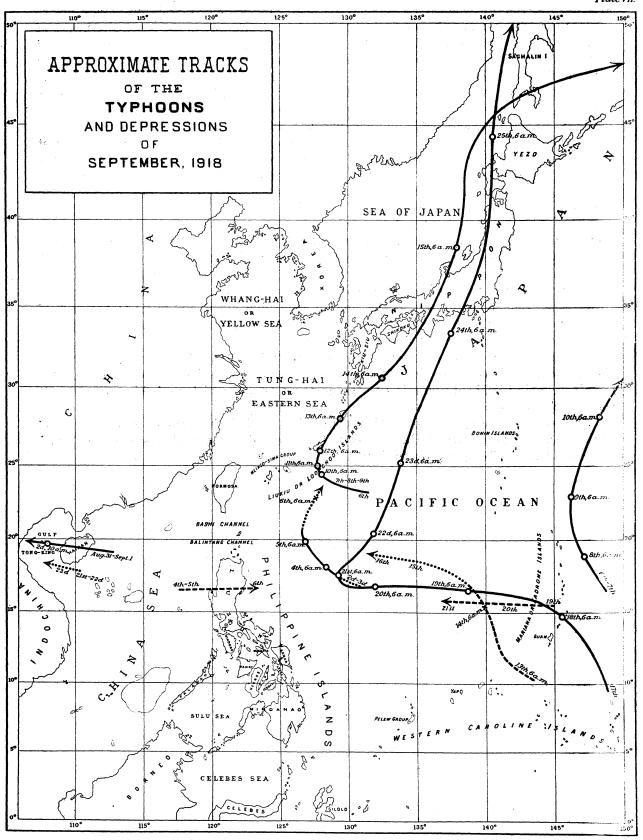
#### DEPRESSIONS AND TYPHOONS.

There were in all fline depressions or typhoons in the Far East during the month, although not a single one traversed our Archipelago. The last one will be taken up in our bulletin for October. The tracks of the other eight may be seen in Plate VII.

One typhoon in Hainan, August 31 to September 2, 1918.—This typhoon appeared on August 31 to the east of Hainan and north of the Paracels. It moved westward, crossing Hainan during the night of September 1, and seems to have filled up on the 2d in the Gulf of Tongking. The barometer of Lamko light Station in Hainan was as low as 745.6 mm. at 9 p. m. of the 1st.

Three depressions or typhoons in the Pacific, September 2 to 16, 1918.—On the 2d and 3d there were signs in the Philippines of a typhoon about 500 miles to the east of Luzon near 16° or 17° latitude N and 131° longitude E. It moved northwestward until the 5th when its center could be situated to the east of Balintang Channel in about 20° latitude N and 127° longitude E. The atmospheric conditions in the Pacific to the northeast of Luzon became very much complicated after the 5th. With the observations on hand it is very difficult to decide whether there were two typhoons, as it is supposed in Plate VII, one which recurved northeast on the 5th and filled up on the 6th south of the Loochoos, and another which appeared on the 6th southeast of the Loochoos moving WNW; or whether there was rather only one typhoon which after recurving northeastward on the 5th inclined again westward on the 6th. This latter supposition does not seem as probable as the former one which agrees far better with our weather maps of those days. We may mention here also that in the afternoon of the 4th a secondary center was shown in our weather maps over the China Sea west of Luzon. It moved eastward and spread over Luzon in the afternoon of the 5th in the form of a shallow depression.

On the 6th and 7th there were signs of another typhoon to the northeast of Guam in



about 16° or 17° latitude N and 148° or 149° longitude E. It moved NNW until the afternoon of the 8th when it recurved NNE near 21° latitude N and 146° longitude E.

On the 13th a depression or typhoon seemed to be situated to the south-southwest of Guam in 10° latitude N and 143° or 144° longitude E. It probably moved first NW and then NNW or N by W, but inclined again westward on the 14th, and filled up on the 16th in about 19° latitude N and 132° longitude E.

Two typhoons over Japan, September 6 to 16 and 17 to 25, 1918.—The first of these typhoons is the one mentioned above which we suppose to have appeared on the 6th southeast of the Loochoos while another one was filling up south of the same Islands. This typhoon seems to have been moving WNW on the 6th, and then remained almost stationary or moved very slowly on the 7th to 11th while recurving northward. On the 12th the typhoon was near Naha and began to move northeastward. It crossed the southern part of Japan on the 14th, and the eastern part of the Sea of Japan on the 15th.

The other typhoon appeared in our weather map of 6 a. m. of the 17th to the southeast of Guam near 9° latitude N and 149° longitude E. After moving NNW the whole day, it inclined westward so decidedly on the 18th, that the direction of its track up to the afternoon of the 20th was practically due west. Fortunately, however, for the Philippines the typhoon recurved northeastward in the afternoon and night of the 20th. The cyclonic center was at the time of recurving about 400 miles to the east of northern Luzon. The direction of the track was NNE after the 22d, and the typhoon traversed the central part of Japan on the 24th.

Two depressions of less importance, September 19 to 23, 1918.—After the preceding typhoon had moved away on the 19th it seems that a depression or secondary center remained behind it about 100 miles to the north of Guam, which probably moved westward and filled up on the 21st.

Our weather maps showed another depression of little importance near the Paracels and the southern part of Hainan on the 21st to 23d. It moved westward and filled up in the Gulf of Tongking on the 24th.

#### NOTAS GENERALES DEL TIEMPO.

Presión y temperatura.—La presión atmosférica media de este mes en Filipinas es algo mayor que la del año pasado y que la normal de septiembre. Las presiones más altas se observaron generalmente el día 26 en Luzón, y el 19 en Visayas y Mindanao. Las presiones más bajas se registraron en todas nuestras estaciones el día 5 cuando se hallaba un tifón en el Pacífico al E del Canal de Balintang.

Con muy raras excepciones la temperatura media mensual fué también algo mayor que la de septiembre de 1917 y que la normal de este mes. Las temperaturas máxima y mínima absolutas de Manila fueron 32.3° C. y 22.9° C. observadas los días 25 y 2, respectivamente. Las temperaturas extremas de Baguio fueron 24.9° C., 14.2° C. en la cumbre del Mirador, y 26.2° C., 13.9° C. en el valle.

Precipitación acuosa.—La cantidad total de lluvia caída durante este mes ha sido generalmente menor que la normal, y menor también que la lluvia total de septiembre de 1917 en todas nuestras estaciones de Visayas y Mindanao. Nuestras estaciones de Luzón registraron una cantidad total de lluvia del mes que es generalmente mayor que la del año pasado, pero menor que la normal de septiembre. Así las lluvias totales de Manila y Baguio difieren respectivamente de la de septiembre de 1917, en + 75.1 mm. y + 51.3 mm., al paso que son menores que la normal en 31.5 mm. y 154.1 mm.

#### DEPRESIONES Y TIFONES.

Nueve han sido las depresiones o tifones observados en el Extremo Oriente durante este mes, aunque ninguno de ellos ha atravesado nuestro Archipiélago. De la última de dichas depresiones o tifones hablaremos en nuestro boletín de octubre. Las trayectorias de los otros ocho pueden verse en la Lámina VII.

Un tifón en Hainán, 31 de agosto al 2 de septiembre de 1918.—Este tifón apareció el 31 de agosto al E de Hainán y N de Paracels. Se movió al W, atravesando Hainán durante la noche del 1 de septiembre, y parece haberse deshecho el día 2 en el Golfo de Tongking. El barómetro en la Estación del Faro de Lamko en Hainán llegó a bajar a 745.6 mm. a las 9 p. m. del día 1.

Tres depresiones o tifones en el Pacífico, 2 al 16 de septiembre de 1918.—Los días 2 y 3 hubo en Filipinas indicios de un tifón situado a unas 500 millas al E de Luzón cerca de 16° o 17° latitud N y 131° longitud E. Se movió al NW hasta el día 5 en que su centro se hallaba probablemente al E del Canal de Balintang en los alrededores de 20° latitud N y 127° longitud E. Las condiciones atmosféricas en el Pacífico al NE de Luzón llegaron a ser muy complicadas después del día 5. Con las observaciones que poseemos es muy difícil determinar si hubo dos tifones, como se supone en la Lámina VII, uno que recurvó al NE el día 5 y se deshizo el 6 al S de Loochoos, y otro que apareció el día 6 al SE de Loochoos moviéndose al WNW; o más bien hubo un solo tifón que, después de recurvar al NE el día 5, se inclinó de nuevo al W el día 6. Esta última suposición no parece tan probable como la primera, la cual se conforma mejor con nuestros mapas del tiempo de aquellos días. También podemos mencionar aquí que la tarde del día 4 se echó de ver en nuestros mapas del tiempo un centro secundario en el Mar de China al W de Luzón. Se movió al E y se extendió sobre Luzón la tarde del 5 en forma de una depresión dilatada.

Los días 6 y 7 hubo indicios de otro tifón al NE de Guam en los alrededores de 16° ó 17° latitud N y 148° ó 149° longitud E. Se movió al NNW hasta la tarde del 8 en que recurvó al NNE cerca de 21° latitud N y 146° longitud. E.

El día 13 una depresión o tifón parecía hallarse al SSW de Guam cerca de 10° latitud N y 143° ó 144° longitud E. Probablemente se movió al principio al NW y

luego al NNW o N<sup>1</sup><sub>4</sub>NW, pero se inclinó de nuevo al W el día 14, y se deshizo el día 16 en los alrededores de 19° latitud N y 132° longitud E.

Dos tifones en Japón, 6 al 16 y 17 al 25 de septiembre de 1918.—El primero de estos tifones es el que se mencionó arriba, el cual suponemos haber aparecido el día 6 al SE de Loochoos mientras otro se estaba deshaciendo al S de las mismas Islas. Este tifón parece haberse movido al WNW el día 6, y luego permaneció casi estacionario o se movió muy lentamente desde el día 7 al 11, mientras recurvaba al N. El día 12 el tifón estaba cerca de Naha y comenzó a moverse al NE. Atravezó la parte meridional de Japón el día 14 y la parte oriental del Mar de Japón el 15.

El otro tifón apareció en nuestro mapa del tiempo de 6 a. m. del 17 al SE de Guam cerca de 9° latitud N y 149° longitud E. Después de moverse al NNW durante todo el día, se inclinó al W tan decididamente el 18, que la dirección de su trayectoria hasta la tarde del 20 fué casi directamente al W. Afortunadamente, sin embargo, para Filipinas el tifón recurvó al NE la tarde y noche del día 20. El centro ciclónico se hallaba al tiempo de la recurva a unas 400 millas al E del norte de Luzón. La dirección de la trayectoria fué NNE después del día 22, y el tifón atravesó la parte central de Japón el 24.

Dos depresiones de poca importancia, 19 al 23 de septiembre de 1918.—Después que el tifón anterior se había alejado el día 19, parece que una depresión o un centro secundario quedó detrás de él a unas 100 millas al N de Guam, el cual se movió probablemente al W y se deshizo el 21.

Nuestros mapas del tiempo indicaron otra depresión de poca importancia cerca de Paracels y la parte meridional de Hainán del 21 al 23. Se movió al W y se deshizo en el Golfo de Tongking el día 24.

#### METEOROLOGICAL DATA FOR MANILA CENTRAL OBSERVATORY.

[ $\phi$ =14° 84' 41" N;  $\lambda$ =120° 58' 38" E; barometer above sea, 14.2 meters; gravity correction not applied, -1.72 mm.]

|  | `  | Air t  | empera  | ture.b  |   | Und  | ergrou   | und temp   | erature  | •   |   | -  | _   | Rad   | iation.  | Evapo  | ration.   |
|--|--|--|---|---|---|--|--|--|--|---|---|--|---|---|--|--|---|
| Day.   | Pressure (mean).   | Mean.  | Maxi-<br>mum.   | Mini-<br>mum.   | 0.25 n  | neter.   | 0.50   | meter.   | 1.50<br>meters.  | 2.50<br>meters.   | Rela-<br>tive<br>humid<br>ity<br>(mean)   | pre  | s- M<br>e n<br>n).                              | lini-<br>num<br>on<br>rass.   | in sun.<br>Black   | Free<br>expo-<br>sure<br>(to-  | Shelte<br>(total)   |
| 12   |  | °C.<br>26. 1<br>25. 9  | °C.<br>31. 1<br>30. 2   | °C.<br>23<br>22. 9  | °C.<br>28.5<br>28.5   | °C.<br>29. 5<br>29   | °C.<br>29. 5   | 5 29.6   | °C.<br>29.3<br>29.3  | °C.<br>28. 2<br>28. 2   | Per ct.<br>87.5<br>89.2   | 21<br>22   | ı. 9 2<br>2 2                                   | °C.<br>22.3<br>22.1   | °C.<br>55.7<br>52.3  | mm.<br>2.5<br>1.7  | mm.<br>1.8<br>1.5   |
| 8. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. | 55. 46<br>55. 07<br>55. 58<br>55. 58<br>55. 58<br>56. 46<br>57. 58<br>59. 74<br>59. 74<br>59. 74<br>60. 42<br>57. 62<br>57. 62<br>57. 62<br>57. 62<br>57. 62<br>57. 62<br>57. 62<br>57. 62<br>57. 62<br>57. 62 | 25.5<br>25.1<br>26.4<br>27.2<br>28.5<br>27.2<br>27.5<br>26.6<br>26.4<br>27.1<br>27.3<br>26.6<br>27.1<br>27.3<br>26.6<br>27.1<br>27.3<br>26.6<br>27.2<br>27.3<br>26.6<br>27.2<br>27.3<br>26.6<br>27.2<br>27.3<br>26.6<br>27.2<br>27.3<br>26.6<br>27.2<br>27.3<br>26.6<br>27.2<br>27.3<br>26.6<br>27.2<br>27.3<br>26.6<br>27.2<br>27.3<br>26.6<br>27.2<br>27.3<br>26.6<br>27.3<br>27.3<br>26.6<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3<br>27.3 | 27. 3<br>28. 1<br>26. 5<br>29. 7<br>31<br>30. 6<br>30. 6<br>30. 9<br>30. 4<br>30. 1<br>30. 8<br>30. 8<br>30. 6<br>30. 8<br>30. 7<br>31. 3<br>31. 1<br>31. 5<br>32. 3<br>31. 7<br>31. 5<br>32. 3<br>31. 7<br>31. 5<br>32. 3<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 5<br>31. 6 | 24. 4<br>23. 7<br>23. 5<br>23. 4<br>24. 5<br>25. 5<br>25. 5<br>24. 7<br>23. 8<br>23. 4<br>23. 4<br>23. 6<br>23. 6<br>23. 3<br>23. 7<br>24. 1<br>23. 7<br>24. 1<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>23. 8<br>24. 8<br>25. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8 | 28. 5<br>28. 2<br>27. 6<br>27. 3<br>27. 7<br>28. 5<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>29. 3<br>29. 3<br>29. 5<br>29. 5<br>29. 5<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8 | 28. 5<br>28. 5<br>27. 7<br>27. 9<br>28. 9<br>29. 5<br>29. 8<br>29. 2<br>29. 4<br>29. 5<br>29. 5<br>29. 5<br>29. 8<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 1<br>30. 1  | 29. 4<br>29. 3<br>28. 6<br>28. 8<br>28. 8<br>29. 1<br>29. 6<br>29. 3<br>29. 4<br>29. 5<br>29. 7<br>29. 8<br>29. 7<br>29. 8<br>30. 1<br>30. 2<br>30. 2<br>30. 30. 3 | 3  | 29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 4<br>4<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>20. 5<br>20. | 28. 2<br>28. 3<br>28. 1<br>28. 2<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 4<br>28. 3<br>28. 3<br>28. 4<br>28. 3<br>28. 4<br>28. 3<br>28. 4<br>28. 3<br>28. 4<br>28. 3<br>28. 4<br>28. 3<br>28. 4<br>28. 3<br>28. 4<br>28. 3<br>28. 4<br>28. 3<br>28. 4<br>28. 3<br>28. 4<br>28. 3<br>28. 4<br>28. 3<br>28. 3<br>28. 4<br>28. 3<br>28. 4<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3 | 92. 4<br>93. 2<br>93. 2<br>89. 9<br>83. 8<br>82. 8<br>86. 5<br>87. 7<br>87. 3<br>86. 5<br>87. 1<br>83. 9<br>84. 5<br>85. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5<br>86. 5 | 222<br>222<br>223<br>233<br>233<br>233<br>222<br>222<br>222<br>222 | 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2         | 33.9 87.66618 95.82.83.56186 44.83.84.83.82.82.82.84.83.82.82.82.82.84.83.82.82.82.82.82.82.82.82.82.82.82.82.82. | 40. 7<br>38. 5<br>45. 2<br>48. 2<br>52. 48. 2<br>51. 7<br>46. 7<br>50. 2<br>52. 7<br>54. 2<br>54. 8<br>52. 5<br>54. 8<br>51. 8<br>52. 5<br>51. 8<br>51. 8<br>52. 5 | . 4<br>3<br>0<br>2.3<br>3.7<br>4<br>3.8<br>2.6<br>2.8<br>2.9<br>2.9<br>3.6<br>3.3<br>2.9<br>3.6<br>3.3<br>2.9<br>2.2<br>2.2<br>3.2<br>2.2<br>3.3 | 1 .57 .2.53 .2.66 .2.33 .1.5 .2.31 .1.88 .2.33 .2.31 .1.8 .2.31 .1.8 .2.31 .1.8 .2.31 .1.8 .1.4 .1.4 .1.4 .1.4 .1.4 |
| 28   | 58.89<br>56.71<br>55.66  | 27. 2<br>27<br>27. 4<br>26. 8  | 32. 2<br>32. 2<br>31 7<br>30. 6   | 23. 4<br>23. 2<br>23. 2<br>23. 9  | 29. 3<br>29. 5<br>29. 8<br>28. 8  | 30. 5<br>30. 7<br>30. 8<br>29. 6   | 30. 1<br>30. 1<br>30. 2<br>29. 5   | 30.1<br>30.3<br>2 30.3   | 29. 5<br>29. 3<br>29. 7<br>29. 4   | 28. 4<br>28. 3<br>28. 4<br>28. 3  | 82. 3<br>84. 8<br>85. 4<br>86. 7  | 21<br>22   | .8 2<br>.4 2<br>.1 2                            | 21.6<br>22.3<br>22.4<br>3   | 54<br>55. 1<br>53. 8<br>51. 6  | 3.4<br>2.5<br>3.2<br>2.6   | 2.3<br>2<br>2.3<br>1.8  |
| Total Departure from normal  |  | 0  | -0.1  | +0.2  |   |  |  |  |  |   | +0.9  | +0   | .2  |   |  | 77.4   | 52.4  |
| <b>Day</b> .   | Prevailir<br>direction   | m  | otal<br>ove-<br>ent.  | ly r  | Direction the time of the maximus velocit   | on time e and with the contract of the contrac | (mean).  | Form<br>Upper  | and dir  | ection.<br>Lower.   |   |  |   |   | the  | liscella   | neous.  |
| 1  | SW<br>WSW<br>SW, WS'<br>SW quad<br>SW quad<br>SW SW<br>SW  | W<br>i.<br>i.  | 278<br>248<br>427<br>221<br>333. 5<br>299. 5  | 29<br>29<br>17. 5<br>25. 5<br>28<br>31  | SWbyl<br>SW<br>WSW<br>SW<br>SW<br>SW  | W   8<br>7   10<br>10<br>10<br>W   2   | 3.6 A  | ACu. WS<br>ACu. N<br>SiS.<br>SiS.  | W Cu<br>N.<br>N.<br>N.<br>Cu<br>Cu   | WS<br>WS<br>WS<br>WS  | W 3<br>W 2<br>W 0<br>W 0<br>W 0<br>W 1  | 35<br>00<br>00<br>00<br>00<br>25                                   | mm.<br>10.8<br>30 1<br>13.2<br>50.1<br>37.8     | 3<br>1<br>5<br>4  | 1.8 = 4.4 • 4.6 • 0.1 • d s  | a. ●° p<br>′a. ● p<br>a. p. ½″′<br>i.<br>a.  | )² p.   |
| 8 9 9 10 11 11 12 12 13 14 14 15 16 17 17 18 19 20 0   | WSW<br>SWbyW<br>SW<br>WSW<br>SW, WS'<br>SW, WS'<br>SW, WS'<br>SW, WS'<br>SW, WS'<br>SW, WS'<br>SW, WS'<br>SW, WS'<br>SW, WS'<br>SW, WS'<br>SW, WS'<br>SW, WS'  | w<br>w   | 467<br>414.5<br>470.5<br>377<br>431.5<br>415<br>209.5<br>350<br>379<br>361<br>200   | 83<br>80<br>27<br>27<br>20, 5<br>22, 5<br>80<br>25  | WSW<br>WSW<br>SWby!<br>WSW<br>WSW<br>WSW<br>WSW<br>SWby!<br>SWby!   | W 8  | 5.7 C<br>3.9 C<br>5.8 C<br>6.8 C<br>6.8 C<br>6.8 C<br>6.8 A<br>6.8 A<br>6.8 A  | ACu.  Di. S.  DiS.  DiS.  DiS.  DiS.  ACu.  ACu.  E.  Di. NE, El  LCu.   | VW Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu SE Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu C  | . WS<br>. , CuN.  | W 3<br>W 2<br>W 3<br>W 4<br>W 7<br>W 8  | 20<br>00<br>45<br>10<br>05<br>25<br>45<br>10<br>50<br>00           | 3.3<br>66.3<br>2.5<br>29.5<br>1.1<br>7.1<br>6.6 | 6   | 3.6 9.3 9.3 9.2 9.9 9.2 1.5 6.6 d a 7 d <sup>2</sup> 5.6 4.1   | p.<br>a. ⊕ ½<br>a. d ⊤ ;<br>a. d° ½<br>a. d° ½<br>a.   | Г <b>3</b> °р.<br>°р.<br>р.   |
| 21   | SW<br>WSW<br>SW<br>E quad<br>E quad<br>NE quad<br>NE quad<br>NE quad   | 1.<br>7  | 200. 5<br>193<br>195<br>119<br>-58<br>43<br>106. 5<br>115. 5  | 18<br>22<br>21<br>21<br>21<br>16<br>10. 5<br>8<br>17<br>12<br>17. 5   | SW<br>WSW<br>SW<br>SSW<br>WSW<br>ENE<br>WSW<br>NE<br>SW   | 7 E S  | 5.6 A<br>5.2 C<br>3.1 C<br>7.8 C<br>3.5 A<br>5.5 C<br>3.6 C  | kCu.<br>kCu.<br>Si. I<br>SiS.<br>Si.<br>kCu. El<br>Si.<br>Si.<br>KCu. El | W Cu<br>W Cu<br>NE Cu<br>Cu<br>NE Cu<br>Cu   | . NN<br>. NN<br>. NN<br>N. EN<br>N.   | E 88 1E 77 1E 3 E 4 E 2 E 6 E 10 N 8  | 40<br>05<br>05<br>35<br>50<br>50<br>20<br>10<br>45                 | 5.3<br>.3<br>45.4<br>.3<br>.5                   | 4   | 5.3 da<br>8.3 da<br>8.3 da<br>.3 da<br>da<br>.5 da<br>4.3 da   | a.   | p.<br>⊤p.<br>°≤p.   |
| 29<br>30   | SW   |  |   |   |   |  |  |  | 1  |   |   |  |   |   |  |  |   |
| Mean   |  |  | 280. 8<br>425. 5  | 24. 2   |   |  | 7.4  |  |  |   | 4<br>140  |  | 338. 3  | 35  | 8.2  |  | •   |

<sup>&</sup>lt;sup>a</sup> All the mean values given in this table are deduced from hourly observations.
<sup>b</sup> These values are taken from instruments mounted in the Observatory Park, 1.5 meters above ground.

#### METEOROLOGICAL DATA FOR MIRADOR OBSERVATORY, BAGUIO.

[φ=16° 25' N; λ=120° 26' E; barometer above sea, 1,512.6 meters; gravity correction not applied, −1.65 mm.]

|  | Day   Present   |       |  | AIF TO  |  | the mou   |  |   | AIF  | emperatu<br>(near the  |  |  |  |   | Rad   | ation.   | Evapo  | ratio                                   |
|--|---|-------|--|---|--|---|--|---|--|--|--|--|--|---|---|--|--|---|
| 686.08   17.2   22.2   11.56.   15.5   6.00.   22.3   Noon   18   6.10.   95   18.1   17.5   22.7   0.65.   0.1   6.5.   0.1   0.5.   0.1   0.5.   0.1   0.5.   0.1   0.5.   0.1   0.5.   0.5 | S86.08   17.2   22.2   11.56a   15.5   6.00a   22.3   Noon   16   6.10a   85   13.8   14.7   18.7   6.0   7   0   0   0   0   0   0   0   0   | Day.  | sure b   | Mean.   |  | Hour.   |  | Hour  |  |  |  | Hour.  | tive<br>humid-<br>ity  | pres-   | Mini-<br>mum o  | mum in sun n Black bulb in va-   | ex-  |   |
| Mean   685, 92   17.4   21.7   15.4   22.8   15.2   94.3   14   14.8   63   0.8   0.8   0.8  | Mean   685, 92   17, 4   21, 7     15, 4     22, 3     15, 2     94, 3   14   14, 8   53   0, 8 |       | 66. 35.4 64 64. 65. 65. 65. 65. 65. 65. 65. 65. 65. 65 | 17. 2<br>17. 2<br>17. 2<br>17. 3<br>18. 6<br>17. 6<br>16. 9<br>16. 7<br>16. 9<br>16. 7<br>16. 5<br>17. 2<br>16. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>17. 7<br>18. 6<br>17. 8<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9<br>17. 9 | 22. 2<br>22. 7<br>22. 3<br>21. 5<br>20. 9<br>17. 4<br>18. 8<br>19. 1<br>18. 4<br>17. 2<br>20. 7<br>23. 4<br>21. 2<br>20. 7<br>23. 4<br>21. 5<br>22. 4<br>21. 5<br>22. 4<br>21. 5<br>22. 6<br>23. 8<br>24. 9<br>23. 8<br>24. 9<br>23. 8<br>24. 9<br>23. 8<br>24. 9<br>25. 8<br>26. 8<br>27. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28 | 0. 05p. 11. 50a. 11. 50a. 10. 25p. 11. 10a. 10. 50a. Noon 10. 40a. Noon 2. 00p. 10. 25a. 10. 30a. 10. 30a. 11. 30a. 0. 40p. 1. 25p. 10. 40a. 11. 40a. 10. 20a. 11. 40a. 11. 40a. 11. 50p. 11. 50a. 11. 50a. 11. 50a. 11. 50a. | 15. 5<br>15. 7<br>15. 1<br>15. 1<br>15. 2<br>15. 4<br>15. 4<br>15. 2<br>15. 2<br>14. 2<br>15. 1<br>15. 2<br>16. 2<br>16. 2<br>16. 2<br>16. 2<br>16. 2<br>16. 3<br>16. 3<br>16. 3<br>16. 3<br>16. 5<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16. 6<br>16 | 6. 20a. 3. 35a. 5. 00a. 5. 25a. 12 m. r. 10. 50p. 5. 20a. 12 m. r. 15. 35a. 5. 55a. 0. 40a. 9. 00p. 3. 40a. 4. 00a. 5. 00a. 1. 00a. 2. 40a. 3. 10a. 4. 25a. 2. 20a. 1. 55a. | 22.1<br>22.2<br>22.2<br>22.4<br>22.6<br>20.1<br>1.1 18.1<br>20.1<br>19.1<br>19.1<br>19.1<br>21.1<br>21.1<br>22.1<br>23.1<br>24.1<br>24.1<br>24.1<br>24.1<br>24.1<br>24.1<br>24.1<br>24 | 8 Non. 2 1.16p. 3 0.25p. 6 0.25p. 6 1.10p. 4 11.05a. 7 11.05a. 1 0.25p. 1 1.05a. 1 0.25p. 1 1.05a. 1 0.25p. 1 1.05a. 1 0.25p. 1 1.20a. 3 11.20a. 3 11.20a. 3 11.20a. 3 11.20a. 3 11.25a. 3 11.25a. 3 Noon. 5 11.25a. 5 11.25a. 5 11.25a. 5 11.25a. 5 11.25a. 5 11.25a. | 16 6 15.7 15.2 15.5 16.1 15.9 14.8 15.5 15.1 15.5 15.1 15.5 15.5 15.5 15 | 5. 20a. 6. 05a. 6. 00a. 6. 20a. 12 m. n. 10. 40p. 6. 05a. 12 m. n. 12 m. n. 3. 20a. 6. 05a. 6. 05a. 6. 05a. 6. 05a. 6. 00a. 4. 35a. 6. 00a. 6. 00a. 6. 00a. 6. 00a. 6. 00a. 6. 00a. 6. 00a. 6. 00a. 12 m. n. 6. 00a. | 95. 83. 8<br>94. 2<br>95. 2<br>95. 2<br>95. 2<br>99. 3<br>99. 3<br>99. 2<br>99. 5<br>99. 5<br>99. 5<br>99. 5<br>96. 8<br>95. 2<br>96. 8<br>95. 2<br>96. 8<br>95. 2<br>96. 8<br>95. 2<br>96. 8<br>95. 2<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95. 3<br>95 | 18. 8 14. 2 14. 9 14. 2 14. 4 18. 9 14. 13. 8 14. 15 14. 5 14. 15 14. 5 18. 8 18. 8 18. 8 18. 8 18. 8 18. 8 18. 8 18. 8 | 14. 7<br>14. 6<br>18. 4<br>14. 3<br>14. 4<br>14. 1<br>15. 5<br>16. 6<br>14. 7<br>14. 2<br>14. 2<br>14. 2<br>14. 2<br>14. 3<br>18. 4<br>18. 8<br>18. 4<br>18. 8<br>18. 4<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8<br>18. 8 | 59. 7<br>55. 2<br>60. 5<br>55<br>54<br>44. 7<br>53. 5<br>30<br>42. 5<br>34. 6<br>35. 8<br>35. 8<br>34. 6<br>50<br>55. 3<br>59. 1<br>57. 4<br>57. 1<br>61. 2<br>62. 7<br>58. 6<br>57. 6<br>56. 8<br>56. 8 | 0.5<br>.7<br>.6<br>.3<br>0<br>.9<br>0<br>0<br>0<br>0<br>.7<br>.1<br>0<br>.8<br>1.9<br>1.8<br>1.9<br>1.2<br>2.7<br>1.8<br>1.9<br>1.2<br>2.7<br>1.8<br>1.9 | 000000000000000000000000000000000000000 |
| Day.   | Day.  |       | 685, 92  | 17.4  | 21.7   |   | 15. 4  |   | 22.1   | 3  | 15, 2  |  | 94.3   | 14  | 14.8  | 53   | 0.8  | 0.                                      |
| Day.   Prevailing direction.d  | Day.   Prevailing direction.   Total mum hourment.   Total mum hourment.   Direction of the ly velocity.  | Total |  |   |  |   |  |   |  |  |  |  |  |   |   |  |  |   |
| SW quad.   19.5   19.9   SW   9.9   ACu., CiS.   CuN.   ESE   0.45   44   42   42   41   W   9.1   CiS.   CuN.   ENE   2.20   40.1   2.20   2.9   2.2   2.9   2.2   2.9   2.2            | SW quad.   190.5   19.9   SW   9.9   ACu., CiS.   CuN.   ESE   0   45   44   44   45   W   281.3   26   SW   9.9   ACu.   SW   CuN.   ESE   0   45   44   44   45   SW   9.1   CiS.   CuN.   ESE   0   45   44   44   45   SW   9.1   CiS.   CuN.   SW   CuN.   SW   CuN.   SW   CuN.   SW   CuN.   SW   CuN.   SW   CuN.   CuN.   CuN.   SW   CuN.   SW   CuN.   CuN.   SW   SW   CuN.   SW   SW   SW   SW   SW   SW   SW   S  |       | T  |   | Wiz  | nd.   |  | <br>  |  | <br>=  | louds.   |  |  |   | - <del> </del>  | -  | 25.3   | 12.                                     |
|  |   | Day.  |  |   | Total<br>move-   | Maxi-<br>mum<br>hour-<br>ly   | at the   | tion<br>time  | mount<br>nean).  |  |  | irection.  |  |   | hours<br>begin-<br>ning   |  |  |   |

<sup>\*</sup> All the mean values given in this table are deduced from six daily observations taken at 2, 6, 10 a. m. and 2, 6, 10 p. m.

\* The barometric readings of this station are not reduced to sea level.

\* Maximum of hourly observations taken from 6 a. m. to 6 p. m.

4 This element is based on hourly observations taken from a quadruple register, which gives only eight possible directions of the wind.

DAILY RAINFALL AT THE STATIONS OF THE WEATHER BUREAU, SEPTEMBER, 1918.

|   |   | 2.2.4   | , 92 c r .  |  |  |   | 1   | Day of   | mont   | h.   |  |  |   |  |   |  |
|---|---|---|---|--|--|---|---|--|--|--|--|--|---|--|---|--|
| Station.  | 1.  | 2.  | 3.  | 4.   | 5.   | 6.  | 7.  | 8.   | 9.   | 10.  | 11.  | 12.  | 13.   | 14.  | 15.   | 16   |
|   | mm.   | mm.   | mm.   | m.m.   | mm.  | mm.   | mm.   | mm.  | mm.  | mm.  | mm.  | mm.  | mm.   | mm.  | mm.   | mr   |
| Jolo  |   | ·¦  |   |  |  | 3.3   | 7.4   |  | 1.8  |  | 9.9  | 0.8  | 0.8   | 2.5<br>24.6  | 16<br>4.1   | 7.   |
| Basilan Plantation, Isabela (Ba-  |   |   |   |  | 1 *  |   | 1.4   |  | 1.0  |  |  |  |   | 1  | 1   | 1  |
| silan) Office =   |   |   |   |  | 5. 1   |   | 3   | 15. 2<br>5. 3  |  |  |  |  | 1.3<br>6.1  | 63.5   | 27. 9   | 5.8  |
| Zamboanga<br>Davao  | 64  |   |   |  |  |   | 2.8   | 5.8  | j  | 1  |  | i  | 14.7  |  | 19.6  | 19   |
| Cotabato Camp Keithley, Lanao Cagayan, Misamis  | 2   |   | 17.8  | 1  | 7.1  |   | 2   |  | 3.3  |  |  | 2.8  | 10.7  | 11.7   | 6.9<br>18.8   | 18   |
| Cagayan, Misamis<br>Dapitan   |   | .   |   |  |  |   | 8.9   |  |  |  |  | 14.2   | İ   |  |   |  |
| Ampayon, Butuan, Agusan   |   |   |   |  |  | .   |   |  | 0. 4   | l  |  |  |   |  |   |  |
| Butuan  |   |   |   |  |  |   |   |  |  |  |  |  |   |  |   |  |
| Dumaguete<br>Yap, Western Carolines   |   |   | 12  |  |  |   |   | 2.5  | 5.1  |  |  |  |   |  |   |  |
| rap, western Carolines  | 20.6  | 87.8  | .5<br>8.9   | 1  |  | 2   |   |  | 1.3  |  |  |  | 17  | 7.6  | 3.3   |  |
| wahio !   |   | 1   | .3  |  | 2.5  |   |   | .5   | 6.9  | 3  | 19.9   | 2.5  |   | 2  | .5  | 35.  |
| Surigao<br>Maasin   | 48.3  |   |   |  |  |   | 21.6  |  | 5. 6   |  |  |  |   | 7.9  |   |  |
| Cebu  | 6.6   | 91 7  |   |  | 10.2   | 1.6   | 7.9   | 3. 4<br>25. 9  | 12. 2<br>26. 2   |  | <b> </b> -   |  |   |  | .3  | 10.  |
| loilo   | l   |   |   | 35. 8  | 33.8   | 10.4  |   |  | 18   | 7.4<br>64.5                                  | 3.8  |  | l   |  |   |  |
| San Jose Buenavista<br>Cuyo   | 1.3   | 31.2  | 13.7  |  | 26.7<br>11.4   | 7.9<br>5.4  | 2.5   | 14.2<br>19.5   | 18<br>2.5  | 5.9<br>5.1                                   | 4.3  |  |   |  |   | ·  |
| Lucena. Iloilo  |   |   | 20.3  |  | .  |   | !   | 19.5   | 7.6  | 5. 1   | 4.6  |  | l   |  | İ   |  |
| Ormoe   | 7.4   | 6.4   | 6.9   |  |  | 3.3   |   |  |  |  |  |  |   |  | .3  |  |
| Dueñas, Iloilo=   |   |   |   |  | 2.5  | 6, 9  |   |  | 1.3  | 1.8  |  |  | 15.7  |  |   |  |
| Bitaogan, Iloilo (Railroad Iloilo to<br>Capiz)  |   | 12.7  |   |  |  | 5.1   |   |  | 1.3  | 5  | 13   |  |   |  |   | 15   |
| spus, Iloilo (Railroad Iloilo to  |   |   |   |  |  |   | _   |  |  | 1  | /  |  |   |  |   | 1  |
| Capiz) a  |   |   |   | 32.8   | 36.3   | 9.4<br>1.8  | .5  | 8.4  | 18.3   | 65. 3  | 1.3  |  |   |  |   | īī.  |
| Dumarao, Capiza   |   |   |   |  | 4.8  | 3.6   | ļ   |  |  |  |  |  | 5.1   |  | 22.9  | 25.  |
| Dao, Capiz =<br>Capiz   | 5. 1  | l   |   | .5   | 15.2<br>6.7  | 1.8   |   |  | 1.3  |  | 54.9   |  |   |  |   | 7.   |
| Borongan  |   | 1   |   |  | .  | 2.8   |   |  | 1  |  |  |  |   |  |   | 20.  |
| atbalogan<br>albayog  |   |   | 4.4   | 2.8  | 8.1<br>14.2  | 2.1<br>31   |   | 8  | 1.8  | 1.8  |  |  |   |  |   | -ī.  |
| fasbate   |   |   |   | .3   | 16.5   | 23.7  |   |  |  |  |  |  |   |  |   |  |
| San Jose Estate, J. Abello D-13,<br>Mindoro =   | 28.7  | 18.8  | 20. 8   | 29.2   | 31.7   | 63.3  | 22, 4   | 17.2   | 2  |  |  |  |   |  | 4.6   | ١.   |
| an Jose Estate, Tamaraw Planta-   |   |   |   |  |  | 1   |   |  |  |  |  |  |   |  |   |  |
| tion, Mindoro=<br>an Jose Estate, San Agustin,  | 18.8  | 8.4   | 8. 9  | 43.6   | 34.5   | 66.1  | 45.7  | 14   | 18.5   |  | 9. 9   |  |   |  | .8  |  |
| Mindoro =   | 38. 1   | 9.9   | 5.1   | 49.8   | 28.2   | 76.4  | 25.7  | 13.2   |  |  |  |  |   | 5.1  | <b> </b>  |  |
| an Jose, Mindoro a  | 30.5  | 3.6   | 14. 2   | 59.9   | 46.2   | 62.5  | 39. 6   | 24.1   | 15. 2  |  | 1.3  |  |   |  |   |  |
| Mindoro =   | 13  |   | 80.5  | 84.8   | 45. 2  | 56.8  | 76  | 16.6   | 24.6   |  |  |  |   |  |   |  |
| Combien   | 2   |   |   | 37.6   | 32.6<br>1  | 33.6  | 46  |  |  |  | 8.6  |  |   |  |   |  |
| orsogon   |   |   | 7.1   | 9.9  | 55.8   | 62.4  | 22.6  | 84.3   | 40.7   |  |  |  |   |  |   | 25.  |
| egaspi<br>an Miguel Estate, San Miguel Is-  |   | 1.8   | 4.8   | 13   | 21.1   | 10.5  | 8.8   |  |  | 1.8  |  |  |   |  | .8  | 11.  |
| land, Tabaco, Albayab<br>alapan   |   |   |   | 22.9   | 19.6   | 6.9   |   |  |  |  | 1  |  |   |  |   | 6.   |
| irac  |   |   | 1.3   | 71.9<br>22.4   | 47<br>35. 7  | 2.8<br>1.3  | 3.3   |  |  |  |  |  |   |  | 28.4  |  |
| lagaigaon   |   |   |   | 11.7   | 36.5   | 3   |   |  |  | 41.9   | 2.5  |  |   |  |   | 15.  |
| latangas  | 1.6   |   | 4.9<br>17.5   | 38.3<br>116.8  | 48.5<br>72.8   | 9. 4<br>2. 5  | 1.3   | 10.2   | 1.5  | 41. 9<br>15. 5                               |  |  |   | 2.5  | 1.5   | 2  |
| ucena   |   |   |   | 48.7   | 57.7   | .8  |   |  |  | 3.8  |  |  |   |  |   |  |
| timonan<br>mbulong, Tanauan   |   | 2.3   | 30. 1   | 18. 4<br>98. 9   | 69<br>41.1   | 3, 1  | 8.9   | 13. 2  |  | 14.2   | 4.6  |  |   | 1.8  | 5.6<br>1.3  |  |
| anlubang, Calamba   | 5.6   | 1.8   | 28.8  | 66.8   | 45<br>11   | .8  |   |  |  | 13   | 8.8  | .5   |   | 4.1  |   | 5.   |
| anta Cruz, Laguna   | 3.3   | 39.1  | 10.7  | 2.1<br>50.8  | 70.6   | .3  |   | 4.1  |  | 2.3  | 1.3<br>7.1   |  | 3.8   | .8   | 2.8   | 20.<br>12  |
| ort Mills, Corregidorac   | 18.5  | 52.6  | 88.4  | 83.5   | 56.4   | 11.9  | 1   | 53. 8  | 1.5  | 7.8  | 12.2   | 10.9   | .8  | 10.9   | 42.9  | 9.   |
| alabang, Rizal aamao, Bataan a  | 6.4   | 25.4  | 49.5<br>46.2  | 22. 4<br>85. 6   | 66<br>60   | 2.8   | 5.1<br>1.8  | 87.1   | <u>-</u>   | 3.8<br>8.3                                   | 8. 9<br>3. 8   | 27.7   | 2. 1  | 35. 1<br>1. 8  | 16<br>8.1   | 12.  |
| lanila  | 10.8  | 30.1  | 18.2  | 50.1   | 37.8   |   | 11.2  | .3   |  | 3.3  | 66.3   | 2.5  | 29.5  | 1.1  | 7.1   | 6.   |
| osoboso, Rizala   | 10.9<br>10.7  | 37.6<br>46.2  | 23.6<br>16.3  | 48.5<br>47   | 62. 2<br>41. 9   | 1<br>2.5  |   |  | 1.3<br>1.8   | 4.6<br>6.1                                   | 59. 4<br>50. 8   | 13. 5<br>19  | 7. 2<br>20. 3   | 24. 1<br>21. 6   | 50.8<br>50.8  | 9.<br>15.  |
|   | 24.1  | 18. 2   | 9.9   | 23.6   | 24.4   | 81.7  | 1.3   |  |  | .8   |  | 22.9   | 5.8   | 88.1   |   | 41.  |
| Jose, Bulacan .   | 7.1   | 2.5   | 10.5  | 80.2   | 40.6   | 1.8   |   |  | 4.8  | .8   | 6.4  | 1.8  | 16.8  | 7.6  | 22. 9   | 21.  |
| abayuan Dam, Olongapo, Zam-<br>bales a1   | 114.6   | 53.1  | or 1  | 76.2   | 91, 7  |   | 14.7  | 90   |  | . 1  | 1  | 17.7   | 2.8   | 41.4   | 8.5   | 7.   |
| 08  | 88.1  | 59.7  | 35. 1<br>44. 2  | 22.8   | 114  | .3  | 14.7<br>86.1  | 20<br>39. 4  | 10.9<br>40.4   | 6.3<br>5.3                                   | 17.3<br>38.6   | 11.9   | 94.2  | 99.6   | 103.6   | 6.   |
|   | 33.8  | .8  | .8  | 2.5  | 41.9   | 3.6   |   | 1  | 6.6  | 18   | 14.8   | 34, 9  | 23. 4   | 17. 2  |   | 22.  |
|   | 4.6   | 22.1  | 1.8   | 4.8  |  |   |   | 11.7   | 38.4   | 4.6  | 3.8  | 10.2   | 25. 4   | 21.6   | 7.4   | 3.   |
| lac*  |   | ٠. ا  | .8  | 2.5  | 22.3   | 3   | 61  |  | •  |  | - 1  |  |   | 119.6  | 11.4  | 3.   |
| lac*  | 20 0  | 21 7 '  |   | 2.0  | 10.2   | 12.7  | 61 .8   |  | 11.9   | 5.1  | 6.7<br>3.3   | 1.8<br>8.8   |   | 11.4   | 4.8   | 5.   |
| laca<br>acienda Luisita, San Miguel,<br>Tarlaca<br>arlac  | 33.8<br>32.3  | 31. 7<br>2. 8   | 1   | .5   | 10.2   |   | 1   |  |  |  |  | .1   |   | 2.3  | 38.1<br>28.9  | 4.   |
| laca<br>acienda Luisita, San Miguel,<br>Tarlaca<br>arlac<br>aler  | 32.3  | 2.8   | 7.1   | .1   | 23.4   |   |   |  |  |  |  |  |   |  | 40.0  |  |
| laca acienda Luisita, San Miguel, Tarlaca   | 32.3<br>18<br>48.5  | 2.8<br>.8<br>1.3  | 7.1<br>6.9  | 3. 6<br>6. 6   | 23. 4<br>48. 3<br>10. 4  | .8  |   |  | 3.8  |  | 9.9  | 3.8<br>4.3   | 7.4   |  | 26.9  |  |
| laca acienda Luisita, San Miguel, Tarlaca   | 32.3<br>18  | 2.8   | 7.1   | 3. 6<br>6. 6   | 23. 4<br>48. 3   |   | 19. 9   | 6.8  | 3.8<br>5.8   |  |  | 3.8  | 7.4   |  |   |  |
| laca acienda Luisita, San Miguel, Tarlaca   | 32.3<br>18<br>48.5<br>2.1   | 2.8<br>.8<br>1.3<br>11.7<br>2.3   | 7.1<br>6.9<br>47.8<br>27.2  | 3.6<br>6.6<br>34.3<br>27.7   | 23. 4<br>48. 3<br>10. 4<br>132. 4<br>51. 3   | .8<br>23.6<br>3.1   | 19. 9<br>51. 6  | 26. 4  | 5.8<br>1.8   | .5   | 9. 9<br>19. 1<br>25. 4   | 3. 8<br>4. 3<br>25. 4<br>50. 8   | 7. 4<br>25. 9   | 21. 7<br>32  | 26.9<br>15.5  | 17.<br>1.  |
| laca acienda Luisita, San Miguel, Tarlaca aler  | 32.3<br>18<br>48.5<br>2.1<br>1<br>9.4   | 2.8<br>1.3<br>11.7<br>2.3<br>4.8  | 7.1<br>6.9<br>47.8<br>27.2<br>3.3   | 3.6<br>6.6<br>34.3<br>27.7<br>27.1   | 23. 4<br>48. 3<br>10. 4<br>132. 4<br>51. 3<br>7. 1   | .8<br>23.6<br>3.1<br>40.8   | 19. 9<br>51. 6<br>11. 2   | 26. 4<br>3. 8  | 5.8<br>1.8<br>2.6  | .5<br>2.5                                    | 9. 9<br>19. 1<br>25. 4<br>33   | 3. 8<br>4. 3<br>25. 4<br>50. 8<br>25. 1  | 7. 4<br>25. 9   | 21. 7<br>32<br>37. 6   | 26.9<br>15.5<br>1.3<br>48.3   | 17.<br>1.<br>5.                                    |
| laca acienda Luisita, San Miguel, Tarlaca aler aniqui, Tarlaca aniqui, Tarlaca aniqui, Tarlaca agrupan anto Tomas Mt., Mountain Provincea agrufo agrufo agrufo agrufo agrufo agrufo agrufo agrufo agrufo agrufo agrufo agrufo an Fernando, Union  | 32.3<br>18<br>48.5<br>2.1<br>1<br>9.4<br>44<br>.3   | 2.8<br>.8<br>1.3<br>11.7<br>2.3   | 1<br>7.1<br>6.9<br>47.8<br>27.2<br>3.3<br>40.1  | 3.6<br>6.6<br>34.3<br>27.7   | 23. 4<br>48. 3<br>10. 4<br>132. 4<br>51. 3   | .8<br>23.6<br>3.1   | 19. 9<br>51. 6<br>11. 2<br>25. 9  | 26. 4  | 5.8<br>1.8   | . 5  | 9. 9<br>19. 1<br>25. 4   | 3. 8<br>4. 3<br>25. 4<br>50. 8   | 7. 4<br>25. 9<br>.5<br>12<br>26. 5<br>28. 3   | 21. 7<br>32<br>37. 6<br>62. 3<br>23. 6   | 26.9<br>15.5<br>1.3<br>48.3<br>16.8<br>26.2   | 17.<br>1.<br>5.<br>7.<br>74.                       |
| laca acienda Luisita, San Miguel, Tarlaca arlac aler aniqui, Tarlaca L. A. S. Muñoz, Nueva Ecijaa agupan anto Tomas Mt., Mountain Prov- incea olinao aguio an Fernando, Union chagüe  | 32.3<br>18<br>48.5<br>2.1<br>1<br>9.4<br>44<br>.3<br>3.8                                    | 2.8<br>1.3<br>11.7<br>2.3<br>4.8<br>2.9<br>11.2<br>9.1  | 1<br>7.1<br>6.9<br>47.8<br>27.2<br>3.3<br>40.1  | .1<br>3.6<br>6.6<br>34.3<br>27.7<br>27.1<br>7.4<br>8.4                                 | 23. 4<br>48. 3<br>10. 4<br>132. 4<br>51. 3<br>7. 1<br>4. 4<br>21. 8<br>9. 9  | .8<br>23.6<br>3.1<br>40.8<br>47.7<br>4.1<br>17.5                            | 19. 9<br>51. 6<br>11. 2<br>25. 9<br>3<br>.8   | 26. 4<br>3. 8<br>56. 6<br>42. 6                                    | 5.8<br>1.8<br>2.6<br>99.8<br>11.7                                    | . 5<br>2. 5<br>15<br>6. 4                    | 9. 9<br>19. 1<br>25. 4<br>33<br>54. 3<br>64. 6   | 3.8<br>4.3<br>25.4<br>50.8<br>25.1<br>44.1<br>7.9<br>11.7                              | 7. 4<br>25. 9<br>.5<br>12<br>26. 5<br>28. 3<br>23. 9  | 21. 7<br>32<br>37. 6<br>62. 3<br>23. 6   | 26.9<br>15.5<br>1.3<br>48.3<br>16.8<br>26.2<br>101.6  | 17.<br>5.<br>7.<br>74.<br>12.                      |
| laca laca acienda Luisita, San Miguel, Tarlaca arlac aler aniqui, Tarlaca L. A. S. Muñoz, Nueva Ecijaa agupan anto Tomas Mt., Mountain Prov- incea olinao aguio an Fernando, Union chagüe agada, Mountain Provincea   | 32.3<br>18<br>48.5<br>2.1<br>1<br>9.4<br>44<br>.3<br>3.8<br>25.4<br>20.8                    | 2.8<br>1.3<br>11.7<br>2.8<br>4.8<br>2.9<br>11.2<br>9.1<br>25.9<br>25.4                              | 1<br>7.1<br>6.9<br>47.8<br>27.2<br>3.3<br>40.1  | .1<br>3.6<br>6.6<br>34.3<br>27.7<br>27.1<br>7.4<br>8.4                                 | 23. 4<br>48. 3<br>10. 4<br>132. 4<br>51. 3<br>7. 1<br>4. 4<br>21. 8<br>9. 9<br>3. 8<br>2. 8                                  | .8<br>23.6<br>3.1<br>40.8<br>47.7<br>4.1                                    | 19. 9<br>51. 6<br>11. 2<br>25. 9  | 26. 4<br>3. 8<br>56. 6   | 5.8<br>1.8<br>2.6<br>99.8  | .5<br>2.5<br>15                              | 9. 9<br>19. 1<br>25. 4<br>33<br>54. 3<br>64. 6   | 3.8<br>4.3<br>25.4<br>50.8<br>25.1<br>44.1<br>7.9<br>11.7<br>2.8                       | 7. 4<br>25. 9<br>.5<br>12<br>26. 5<br>28. 3<br>23. 9<br>12<br>12. 4                           | 21. 7<br>32<br>37. 6<br>62. 3<br>23. 6<br>11. 7<br>6. 3                            | 26.9<br>15.5<br>1.3<br>48.3<br>16.8<br>26.2<br>101.6  | 17.<br>5.<br>7.<br>74.<br>12.                      |
| laca laca acienda Luisita, San Miguel, Tarlaca aler aniqui, Tarlaca L. A. S. Muñoz, Nueva Ecijaa agupan anto Tomas Mt., Mountain Provincea olinao aguio an Fernando, Union chagüe agada, Mountain Provincea ontoc, Mountain Provincea andon   | 32.3<br>18<br>48.5<br>2.1<br>1<br>9.4<br>44<br>3.8<br>25.4<br>20.8<br>3.6                   | 2.8<br>1.3<br>11.7<br>2.3<br>4.8<br>2.9<br>11.2<br>9.1<br>25.9<br>25.4<br>12.7                      | 1<br>7.1<br>6.9<br>47.8<br>27.2<br>3.3<br>40.1<br>5<br>92.2<br>12.2<br>18.3<br>21.1                 | .1<br>3.6<br>6.6<br>34.3<br>27.7<br>27.1<br>7.4<br>8.4<br>13.7<br>22.1<br>11.4         | 23. 4<br>48. 3<br>10. 4<br>132. 4<br>51. 3<br>7. 1<br>4. 4<br>21. 8<br>9. 9<br>3. 8<br>2. 8<br>1. 8                          | .8<br>23.6<br>3.1<br>40.8<br>47.7<br>4.1<br>17.5<br>15.5<br>6.1             | 19. 9<br>51. 6<br>11. 2<br>25. 9<br>3<br>. 8<br>2. 8                                  | 26. 4<br>3. 8<br>56. 6<br>42. 6<br>32. 5<br>3. 6<br>67. 8          | 5.8<br>1.8<br>2.6<br>99.8<br>11.7<br>32.5<br>.8<br>26.4              | 5<br>2.5<br>15<br>6.4<br>5.1                 | 9. 9<br>19. 1<br>25. 4<br>33<br>54. 3<br>64. 6   | 3.8<br>4.3<br>25.4<br>50.8<br>25.1<br>44.1<br>7.9<br>11.7<br>2.8                       | 7. 4<br>25. 9<br>.5<br>12<br>26. 5<br>28. 3<br>23. 9<br>12<br>12. 4<br>4. 8                   | 21. 7<br>32<br>37. 6<br>62. 3<br>23. 6<br>11. 7<br>6. 3<br>.8<br>25. 9             | 26.9<br>15.5<br>1.3<br>48.3<br>16.8<br>26.2<br>101.6  | 17.<br>5.<br>7.<br>74.<br>12.                      |
| laca acienda Luisita, San Miguel, Tarlaca acienda Luisita, San Miguel, Tarlaca aler aniqui, Tarlaca L. A. S. Muñoz, Nueva Ecija agupan anto Tomas Mt., Mountain Provincea aguio an Fernando, Union chagüe agada, Mountain Provincea agada, Mountain Provincea andon illavieja, Pilar, Abra agara                  | 32.3<br>18<br>48.5<br>2.1<br>1<br>9.4<br>44<br>3.8<br>25.4<br>20.8<br>3.6                   | 2.8<br>1.3<br>11.7<br>2.8<br>4.8<br>2.9<br>11.2<br>9.1<br>25.9<br>25.4                              | 1<br>7.1<br>6.9<br>47.8<br>27.2<br>3.3<br>40.1<br>.5<br>92.2<br>12.2<br>18.3                        | .1<br>3.6<br>6.6<br>34.3<br>27.7<br>27.1<br>7.4<br>8.4                                 | 23. 4<br>48. 3<br>10. 4<br>132. 4<br>51. 3<br>7. 1<br>4. 4<br>21. 8<br>9. 9<br>3. 8<br>2. 8<br>2. 8<br>8. 4<br>3. 5          | .8<br>23.6<br>3.1<br>40.8<br>47.7<br>4.1<br>17.5<br>15.5<br>6.1             | 19. 9<br>51. 6<br>11. 2<br>25. 9<br>3<br>.8<br>2. 8                                   | 26. 4<br>3. 8<br>56. 6<br>42. 6<br>32. 5<br>3. 6                   | 5.8<br>1.8<br>2.6<br>99.8<br>11.7                                    | . 5<br>2. 5<br>15<br>6. 4<br>5. 1            | 9. 9<br>19. 1<br>25. 4<br>33<br>54. 3<br>64. 6   | 3.8<br>4.3<br>25.4<br>50.8<br>25.1<br>44.1<br>7.9<br>11.7<br>2.8<br>3.6<br>4.8<br>48.2 | 7. 4<br>25. 9<br>.5<br>12<br>26. 5<br>28. 3<br>23. 9<br>12<br>12. 4                           | 21. 7<br>32<br>37. 6<br>62. 3<br>23. 6<br>11. 7<br>6. 3<br>25. 9<br>14. 8<br>95. 1 | 26. 9<br>15. 5<br>1. 3<br>48. 3<br>16. 8<br>26. 2<br>101. 6<br>11. 9<br>14. 2<br>8. 1<br>6. 4<br>3. 2 | 17.<br>5.<br>7.<br>74.<br>12.                      |
| laca laca acienda Luisita, San Miguel, Tarlaca arlac aler aniqui, Tarlaca L. A. S. Muñoz, Nueva Ecijaa agupan anto Tomas Mt., Mountain Provincea olinac aguio an Fernando, Union chagüe agada, Mountain Provincea ontoc, Mountain Provincea ontoc, Mountain Provincea andon illavieja, Pilar, Abraa igan guegarao | 32.3<br>18<br>48.5<br>2.1<br>1<br>9.4<br>44<br>3<br>3.8<br>25.4<br>20.8<br>3.6<br>10.5<br>8 | 2.8<br>1.3<br>11.7<br>2.3<br>4.8<br>2.9<br>11.25.9<br>25.4<br>12.7<br>15.7<br>14.5                  | 1<br>7.1<br>6.9<br>47.8<br>27.2<br>3.3<br>40.1<br>5<br>92.2<br>12.2<br>18.3<br>21.1<br>15.2<br>83.6 | 3.6<br>6.6<br>34.3<br>27.7<br>27.1<br>7.4<br>8.4<br>13.7<br>22.1<br>11.4<br>51.3       | 23. 4<br>48. 8<br>10. 4<br>132. 4<br>51. 3<br>7. 1<br>4. 4<br>21. 8<br>9. 9<br>3. 8<br>2. 8<br>1. 8<br>8. 4                  | .8<br>23.6<br>3.1<br>40.8<br>47.7<br>4.1<br>17.5<br>15.5<br>6.1<br>1<br>4.8 | 19. 9<br>51. 6<br>11. 2<br>25. 9<br>3<br>.8<br>2. 8<br>4. 1<br>14. 7<br>8. 9          | 26. 4<br>3. 8<br>56. 6<br>42. 6<br>32. 5<br>3. 6<br>67. 8<br>51. 3 | 5.8<br>1.8<br>2.6<br>99.8<br>11.7<br>32.5<br>.8<br>26.4              | .5<br>2.5<br>15<br>6.4<br>5.1<br>7.4<br>20.8 | 9. 9<br>19. 1<br>25. 4<br>33<br>54. 3<br>64. 6<br>10. 9<br>.3<br>13. 4<br>4. 1         | 3.8<br>4.3<br>25.4<br>50.8<br>25.1<br>44.1<br>7.9<br>11.7<br>2.8                       | 7. 4<br>25. 9<br>.5<br>12<br>26. 5<br>28. 3<br>23. 9<br>12<br>12. 4<br>4. 8<br>10. 9          | 21. 7<br>32<br>37. 6<br>62. 3<br>23. 6<br>11. 7<br>6. 3<br>.8<br>25. 9<br>14. 8    | 26. 9<br>15. 5<br>1. 3<br>48. 3<br>16. 8<br>26. 2<br>101. 6<br>11. 9<br>14. 2<br>8. 1<br>6. 4<br>3. 2 | 17.<br>5.<br>74.<br>12.<br>23.<br>19.<br>12.       |
| laca acienda Luisita, San Miguel, Tarlaca arlac aler aniqui, Tarlaca aniqui, Tarlaca Lu. A. S. Muñoz, Nueva Ecija agupan anto Tomas Mt., Mountain Province alinao aguio an Fernando, Union chagüe gada, Mountain Province andon dilavieja, Pilar, Abra agua anguegarao apaga a Paz, Abra a                        | 32.3<br>18<br>48.5<br>2.1<br>1<br>9.4<br>44<br>3<br>3.8<br>25.4<br>20.8<br>3.6<br>10.5      | 2.8<br>1.3<br>11.7<br>2.3<br>4.8<br>2.9<br>11.2<br>9.1<br>25.9<br>12.7<br>15.7<br>14.5<br>3<br>11.7 | 1<br>7.1<br>6.9<br>47.8<br>27.2<br>3.3<br>40.1<br>5<br>92.2<br>12.2<br>18.3<br>21.1<br>15.2         | .1<br>3.6<br>6.6<br>34.3<br>27.7<br>27.1<br>7.4<br>8.4<br>13.7<br>22.1<br>11.4<br>51.3 | 23. 4<br>48. 3<br>10. 4<br>132. 4<br>51. 3<br>7. 1<br>4. 4<br>21. 8<br>9. 9<br>3. 8<br>2. 8<br>1. 8<br>8. 4<br>3. 5<br>52. 3 | .8<br>23.6<br>3.1<br>40.8<br>47.7<br>4.1<br>17.5<br>15.5<br>6.1<br>1<br>4.8 | 19. 9<br>51. 6<br>11. 2<br>25. 9<br>3<br>.8<br>2. 8<br>4. 1<br>14. 7<br>8. 9<br>36. 3 | 26. 4<br>3. 8<br>56. 6<br>42. 6<br>32. 5<br>3. 6<br>67. 8<br>51. 3 | 5.8<br>1.8<br>2.6<br>99.8<br>11.7<br>32.5<br>.8<br>26.4<br>33<br>5.1 | .5<br>2.5<br>15<br>6.4<br>5.1<br>7.4<br>20.8 | 9, 9<br>19, 1<br>25, 4<br>33<br>54, 3<br>64, 6<br>10, 9<br>3<br>13, 4<br>4, 1<br>26, 9 | 3.8<br>4.3<br>25.4<br>50.8<br>25.1<br>44.1<br>7.9<br>11.7<br>2.8<br>3.6<br>4.8<br>48.2 | 7. 4<br>25. 9<br>.5<br>12<br>26. 5<br>28. 3<br>23. 9<br>12<br>12. 4<br>4. 8<br>10. 9<br>84. 4 | 21. 7<br>32<br>37. 6<br>62. 3<br>23. 6<br>11. 7<br>6. 3<br>25. 9<br>14. 8<br>95. 1 | 26. 9<br>15. 5<br>1. 3<br>48. 3<br>16. 8<br>26. 2<br>101. 6<br>11. 9<br>14. 2<br>8. 1<br>6. 4<br>3. 2 | 17.<br>5.<br>74.<br>12.<br>23.<br>19.<br>7.<br>12. |

<sup>\*</sup> Voluntary or cooperative station.

b Rain in 24 hours beginning 8 a. m. • Rain in 24 hours beginning 7 a. m.

Daily rainfall at the stations of the Weather Bureau, September, 1918—Continued.

| Charles :   |              | _            |                |              |             |                | D           | ay of r       | nonth.       |                |                |            |               |               |                  |
|---|--------------|--------------|----------------|--------------|-------------|----------------|-------------|---------------|--------------|----------------|----------------|------------|---------------|---------------|------------------|
| Station.  | 17.          | 18.          | 19.            | 20.          | 21.         | 22.            | 23.         | 24.           | 25.          | 26.            | 27.            | 28.        | 29.           | 30.           | Total.           |
|   | mm.          | mm.          | mm.            | mm.          | mm.         | mm.            | mm.         | mm.           | mm.          | mm.            | mm.            | mm.        | mnı.          | mm.           | mm.              |
| Jolosaoela, Basilan   | 2.3          | 40.6         | 3              | 2.3<br>16.5  | 1.5         | 2.5            |             |               | 30.7         |                | 10.9           | 8.6<br>1.3 | 8. 6<br>83. 5 | 6. 1          | 130. 1<br>168. 4 |
| Bashan Plantation, Isabela (Basilan)  |              |              |                | 10.5         |             | 2.0            |             |               |              |                | 10.5           | 1.5        | 65.5          | 0. 1          | 100.4            |
| OmceaZamooanga  | 3.8<br>2     | 3<br>1.3     |                | 33.8         | 1.8         |                |             |               |              |                | 47             | 90.7       | 109.7         | 6.1           | 318.9            |
| Javao   |              | 3.8          | .3<br>3.3      | 12.3         | .6          | .3             |             |               |              | 11.9           | 5.1            | 22.7       | 23.6<br>13.7  | 6.6           | 92. 1<br>163. 2  |
| Cotabato  |              |              | !              | 53.6         | 1           |                | !           |               | 22.6         | 3.6            | 4.8            | 7.1        | 18.3          | 44.7          | 182.9            |
| Samp Keithley, Lanao  | 50.8         | 17.5         | 31.3           | 2.2          | 10          | 2.4<br>12.7    | 3           | 2.5           | 13.7<br>3    |                | 4.3            |            | 29.7          | 22.5<br>11.7  | 267. 7<br>57. 8  |
| Dapitan   |              |              | 10.7           | 3.3          |             | 14.2           | 2.3         |               |              |                |                | 3.8        |               |               | 40.7             |
| Ampayon, Butuan, Agusan*<br>Butuan  |              |              |                | .3           |             |                |             | 2.3           | 2.3          |                | 21.6           |            | 1.3           |               | 26.8             |
| Mamuajao  |              |              |                | 1.3<br>98    |             |                | 6.9         | .3            |              |                | 2              | 3.8        | 1.5<br>7.4    |               | 5. 1<br>116. 1   |
| Dumaguete   |              |              |                | 12.2         | 6.1         | 7.6            | 2.8         |               |              | -=             |                |            |               | 13.5          | 61.8             |
| Yap, Western Carolines<br>Fagbilaran  | 9. 4         | 7.9          | 20.3<br>1      | 1.5<br>25.5  | 36. 1       | 5.1            | .8          | 1             | 1            | 14             | 2<br>16. 9     | 1.8        | 9. 7<br>23. 5 | .3            | 204. 4<br>79. 4  |
| wanig   | .3           | 8.9          | 8.4            | 7.9          | 1.6         | 7.9            |             | 10.5          | 1.8          | 5.1            | 1              |            | 1.3           |               | 127.8            |
| Surigao<br>Maasin   | 95 0         |              | .8<br>11.2     | 22.4<br>19.6 | 2.3<br>19   |                | 1.5         | .5            |              | 9.9<br>8.4     | 36. 1<br>14. 7 | 2          | 1.5<br>13     |               | 78. 1<br>205. 1  |
| Jepu  |              | .5           | 5.6            | 19.6         | 19          |                |             | .3            | 35.3         | 0.4            | 2 2            | 5          | 9.9           |               | 102.8            |
| a Carlota, Occidental Negros  |              |              | 8.9            | 18.5         | 22.6        | 2              | .3          |               | 37. 1        | 81             | 6.6            | 5.8        | 7.1           | 33            | 351.5            |
| loilo<br>San Jose Buenavista  | 11.7         | 7.1          | 13.7           | 3.8          | 41.1        | 17.3           | 7.6         |               | .3           | 3.3            | 3.8            |            | 3.3<br>15.2   | 21.6<br>28.2  | 205. 4<br>276. 4 |
| Cuvo  |              | 1.8          | 15.5           | 4.3          | 5.6         | 25.4           | 4.5         | 1.8           | 10.9         | .5             | 3              |            | 7.1           | 1.3           | 150. 2           |
| Lucèna, Iloilo a<br>Drmoc   |              |              | 3              | 45.7<br>30   | 95 0        | 3.8            | 20. 1       | 15 9          | 1.8          |                | 17.8<br>16.5   | 2<br>17    | 24.6<br>46.7  |               | 128.2<br>198.2   |
| Juluan  | 7. 6         |              |                | 1.8          | 25. 9<br>3  | 5.6            | 20.1        | 15. 2<br>9. 4 | 2.5          | .5             | 5.3            | 10.2       | .5            |               | 196. 2<br>49     |
| Jueñas, Iloilos   |              | .8           | 2.5            |              | 27.9        | 2.3            | 31.7        | 15.2          | 3.8          | 10.2           | 12.4           | 15.2       | 17.8          | 6.4           | 174.4            |
| Bitaogan, Hoilo (Railroad Hoilo to<br>Capiz) a                                |              | 23.6         | 30.2           | 1.3          | 28.2        | 31             | 3.6         | 2.3           | 8.4          |                |                | 8.1        | 1.3           | 3.3           | 193.4            |
| Lapus, Iloilo (Raitroad Iloilo to Capiz) a.                                   |              | 2.5          |                | 6.6          |             |                | 8.9         |               | 1            | 6.1            | . 6            | 1.8        | 1             | 15            | 215.8            |
| l'acloban<br>Dumarao, Capiz <sup>a</sup>                                      | 3.8          | 28.2         | 5.8<br>50.8    | 8.3          | 15. 2       | 34. 5<br>15. 2 | 1.8<br>10.2 | 15. 2         | 11 4         | 10. 2          | 5.6            | 5.7        | 3.8           |               | 105. 4<br>228. 1 |
| Dao, Capiz a  | 28.7         |              | 00.0           |              | 10. 4       | 10.2           | 7.6         | 10.2          | 11.4         | 5.1            |                | 18.6       |               |               | 123.2            |
| Capiz   | .5           |              |                | 8.1          |             |                | 3.3         | 6.4           | 9.4          |                | 1.3            | 23.2       | 3             |               | 125.3            |
| Borongan<br>Satbalogan  |              | 4.6<br>5.3   | 16.3           | 3.3          | 18.3        | 7.4            | 32.8        | 3.3           | 4.3          | 2.5<br>3.9     | .8             | 7.9        | 10.2<br>39.6  |               | 47. 9<br>150. 3  |
| Caibayog  | 1.6          | 4.3          | 54.6           | 3.6          | .8          | 4.8            | 3           |               | 4.6          | 20.3           |                | 20.9       | 22.6          | .3            | 198              |
| Masbate   | 2.3          | 5.8          | 48.5           | 4.3          | 2           | 1              | 1           | 5.6           |              |                |                |            | 3.8           |               | 114.8            |
| doros   | 11.9         | 12.4         |                | 3.3          | 54.9        |                | 3.6         | .8            | 1.3          |                | 3.3            | 1.5        | 4.1           |               | 335.3            |
| San Jose Estate, Tamaraw Plantation.  | Į.           |              |                | Į            | l           |                | Į.          |               | l            |                |                |            | 1             | ١.            | 050.0            |
| Mindoroa  | 17.3         | 1.5          | .8             | 3.3          | 30.2        |                | 8.9         | 3.3           | 2            | 1              | 7.1            | 15.7       | 2.5           | 1             | 358.8            |
| doro a  | 17.8         | 4.1          |                | 3.8          | 39. 9       |                | 16.3        | 23. 1         | 1            |                | 3.8            |            |               |               | 361.8            |
| San Jose, Mindoro   | 5.3          | 10.7         |                | 2.8          | 29.2        | .8             | 6.6         | 10.7          | .8           |                | 22.9           | 3          | 3, 8          |               | 393.7            |
| doros Estate, Tunner D.12, Min-   |              | ١            |                | 3.6          | 16.8        |                | 2.5         | 4.8           | 4.8          |                | 2.3            | 14         | 42.7          |               | 442.1            |
| Rombion   |              |              | 1::            | 4.6          | 4.6         |                |             |               | 3.3          | 8.4            | 6.9            | 1 0        |               |               | 184.2            |
| Batag<br>Sursogon   |              |              | 111.8<br>46.7  | 21.6         | 29          | 2.8<br>12.4    |             | 3             |              | 4.6<br>27.4    | 4.6<br>2.3     | 25.9       | 32.5          | 71.6          | 236.8<br>421.9   |
| Legaspi   |              |              | 5.1            |              | .3          | 4.1            |             |               | 2            |                | 1.1            | 5.8        | 1.5           | 4             | 92.2             |
| San Miguel Estate, San Miguel Island,<br>Tabaco, Albayab                      | 1            | 1            | 2.8            | i            |             | 8.1            | 1           | 2.5           | 1            | 12.2           | 5.8            | 3.8        | .3            | 5.8           | 99.1             |
| Tabaco, Albay   |              |              | 2.8            | 6.4          |             | 8.1            | 2.5         | 2.5           | 5.3          | 12.2           | 5. 6           | 3.6        |               | 5.0           | 145.6            |
| Virac   |              |              | 2.3            |              | -==-=-      |                | 9.7         |               |              | 1.8            | <del></del> -  | 1.5        | 14.8          | .6            | 118              |
| Naga<br>Figaon  |              |              | 7.4<br>10.2    |              | 14.7        |                |             | 6.4<br>19     | 6.4          | 1.3            | 1.8            | 16<br>2.8  | 3.3<br>9.4    | 8. 1<br>12. 4 | 128<br>213.7     |
| Batangas  |              |              |                | 9.4          |             |                | 4.8         | .8            | 5.4          |                | 16             | 6.4        | 2.1           | 20.5          | 308.5            |
| Lucena  |              |              | .8             | 20.3         | 1.3         | 7.9            |             | 38.1          | 61 5         | 16.8           |                | 1.5        | 3.3           |               | 178<br>210.8     |
| Atimonan<br>Ambulong, Tanauan   |              |              | 25.2           | 1.3          |             |                | 1.3         | 35. 3         | 61.5         | 16.8           |                | 1.0        | 6.9           |               | 264.5            |
| Canlubang, Calamba  | 8.9          | 26.4         | 2              | 14           | 5. 1        | 4.3            |             | 14.5          | 7.6          | 1.3            |                |            | 1             | -=:-=-        | 263.2            |
| Paracale  | 18.3         | .5           | 6.3            | 2.3<br>4.1   | 1.5         | 23. 4          | 36.8<br>1.3 | 5.8<br>19.8   | 9.7          |                |                | 5.9        | 26.6          | 32.7          | 187. 2<br>283. 2 |
| Fort Mills, Corregidorac  | 1.8          | 25.7         | .8             | 4.1          |             | 6.9            | 15.2        | 63.5          |              |                | 4.8            |            |               |               | 580. 9           |
| Alabang, Rizala   |              |              | 7.6            |              |             |                |             | 39.1          |              |                |                |            | 3.3           |               | 285.3            |
| Lamao, Bataan*<br>Manila  | 5.6          | .8<br>5.4    | 6.4            | 3.6          |             | 35.3<br>5.3    | 41.9        | 53.3<br>45.4  | 5.8          |                | .5             | .3         | 3.3           |               | 444.9<br>338.3   |
| Antipolo  | 2.3          |              | 23. 1          | 6.6          | 1.8         | 2              | 26.2        | 1             |              | 19.8           | 9.7            | 7.4        | 35.8          | 2.3           | 492, 1           |
| Bosoboso, Rizala  | 7.6          |              | 32.3<br>12.4   | 8. 4<br>33   | 1.3<br>21.8 | 18.8           | 10.7        | 1.8<br>20.8   | 32.5<br>19.8 | 5.3            |                | .5         |               | 48.3<br>24.1  | 485.8<br>456.4   |
| Hacienda Pintong Sapang, San Jose,  |              |              | 1              | 00           |             | 10.0           | 1           |               | 1.           | 1              |                |            | 1             | ì             |                  |
| Bulacana Day Olympia Zambalasa  | 9.7          | 6.4          | 31.7           | 3            | 7.6         |                | 2.5         | 50.8          | 18.5         | 9.1            | 3.8            | 2.3        | .3            | 60.4          | 374.8<br>547.8   |
| Mabayuan Dam, Olongapo, Zambales a<br>[ba                                     | 1.8<br>14.2  | 2.8          | 10.7           | 1.5          | 3.3         | 5.9            | 13.2        | 1.8           | 1.6          | 2              | 0.0            | 2.5        | 3.9           | 2.5           | 846.1            |
| San Isidro  | 9.9          | 5.1          | 16.5           | . 5          |             |                | 1.3         |               | 34.8         |                |                |            | 27.9          | 21.6          | 342.7            |
| Hacienda Luisita, Comillas, Tarlaca<br>Hacienda Luisita, San Miguel, Tarlaca. |              | 14.2<br>25.4 | 33. 8<br>13. 2 | 6.4          | 4.3         |                |             | 15<br>25. 4   | 18.3<br>26.7 | 3.3            | 4.1<br>1.3     |            |               |               | 244. 6<br>426. 8 |
| Tarlac  |              | 19.8         | 21.3           | 14.2         | 4.6         | 1.8            | .8          | 44.2          | 57.1         | .8             |                |            |               |               | 313.6            |
| Baler   | 14           | 20.8<br>21.6 | 48.5           | 11.4         |             |                | 4.3         | 24.1<br>25.4  | 1<br>5.1     | 8.4<br>1.8     | 11.7           |            | .3            |               | 194.9<br>257.5   |
| Paniqui, Tarlac *   | 4.3          | 22.1         | 5.1<br>5.8     | 1.3          |             |                |             | 9.9           | 6.4          |                |                |            |               |               | 190.5            |
| Dagupan   | 6.3          | 5.6          | 1              |              |             | 27.9           |             | 8.9           | 8.6          | 8.4            | 45 7           | 90 1       | 1.5           |               | 478<br>569.8     |
| Santo Tomas Mt., Mountain Provinces.<br>Bolingo                               | 57.1         | 47           |                | 4.3          | 2           | .5             |             | 50.8          | 50           | 25. 4<br>55. 9 | 45. 7          | 38. 1      | 3.6           |               | 390              |
| Baguio  | 14           | 20.1         | 2.9            | 3.1          | 10.4        | .8             | 3.5         | 8.9           | 48           | 1.8            | 6.8            | .8         |               |               | 676.8            |
| San Fernando, Union<br>Echagüe  | 24.9         | 3.3<br>40.1  | 15.7           | 9.7          | 7.1         | 6.1            | 4.8<br>23.9 | 7.4           | 1.5<br>1.3   | 40.4           | 3.6            |            | 3.8<br>10.7   | 1             | 428.6<br>414.7   |
| Sagada, Mountain Provincea  | 18           | 2.5          | I              | 3.6          |             | 0.1            |             | 11.2          | 29.7         | 35.8           |                |            |               |               | 338              |
| Bontoc, Mountain Provinces  | 41.7         | 49.3         | 6.1            | 19           |             |                |             | 4.1           | 19.8         | 52.6           |                |            |               |               | 340<br>240.6     |
| CandonVillavieja, Pilar, Abra*  | 11.2<br>13.2 | 3.8<br>2.5   |                |              | 4.6         | 2.5            |             |               |              | 12.7           |                |            |               |               | 309.3            |
| Vigan   | 21.8         | 15.6         |                |              | .3          |                |             |               |              | 1.1            | 11.6           |            |               |               | 496.1            |
| Fuguegarao<br>La Paz, Abras   |              |              | 201.9          |              |             | 6.4            |             | 21.1<br>9.9   | 54.4         | 36.6           | 55. 9          |            |               | 49.1          | 232<br>465.7     |
| Laoag   | 28.2         | 3            | l              | 12.2         |             |                |             |               |              |                | 4.6            |            |               | 3             | 910.2            |
| Aparri<br>Cape Bojeador   |              | 2.8          | 40.7           |              |             |                | 15.5        | 3.9           |              | 1.1            | 26.7           |            | 2             | 10.4          | 97. 5<br>345. 3  |
|   |              | 1            | 1              |              | 1           | 1              |             | 1             |              | 1              | 40.1           | 1          | 1             | . 0.0         | , U2U. 0         |

Voluntary or coöperative station.
 Rain in 24 hours beginning 8 a. m.

c Rain in 24 hours beginning 7 a. m. d Amount of rainfall from 9 to 19.

### METEOROLOGICAL BULLETIN.

## MAXIMUM AND MINIMUM TEMPERATURES AT THE STATIONS OF THE WEATHER BUREAU, SEPTEMBER 1918.

| Maxi  | Day.  | Jo   | olo.  |  | bela,<br>ilan.   | Zamb   | oanga.   | Da  | .vao.   | Cota  | bato.   |   | Keith-<br>Lanao.   |   | ayan,<br>amis.   | Dap  | oitan.   |
|---|---|--|---|--|--|--|--|---|---|---|---|---|--|---|--|--|--|
| 1   | Day.  |  |   |  |  |  |  |   |   |   |   |   |  |   |  |  |  |
| 1   |   | °C.  | °C.   | •c.  | °c.  | °C.  | °C.  | °C.   | °C.   | •c.   | °c.   | °C.   | °C.  | °c.   | °C.  | °c   | •c.  |
| 3   | 1   |  |   |  |  |  |  | 33.2  |   |   | 23.4  | 29.1  |  | 31.7  | 22   | 32.5   |  |
| Section   Sect  | 2   |  | 22.3  |  |  | 29.8   |  | 32.4  | 21  |   | 22.5  | 27.8  |  |   | 22   |  |  |
| 5   |   |  |   |  |  |  |  |   |   |   |   | 26.6  |  |   |  | 33.4   | 22.8   |
| 1   | 4   | 93.6   |   |  | 21.7   |  |  |   | 22  |   |   |   |  |   |  | 99   | 22.3   |
| Texas   | 6   | 21 1   |   |  |  |  | 25.5   |   | 22  |   |   | 26.2  |  | 33.5  | 24   |  |  |
| 29.6   26.6   26.6   28.6   28.6   28.7   22.4   32   22   29.6   28.6   27.8   21.2   34.3   23   34.4   24.2  | 7   | 31.4   |   | 34. 1  |  |  |  |   |   |   |   | 27.8  | 21   |   | 22.8   |  | 23.5   |
| 10  | 8   | 29.5   | 25. 2   | 32.6   |  | 28.7   | 22.4   | 32  | 22  | 29.6  | 23. 6   | 27.8  | 21.2   |   |  |  |  |
| 11  | 9   | 82.7   | 23.3  |  |  |  |  |   |   |   | 23  | 28.1  | 19.5   |   |  |  |  |
| 12  | 10  |  |   |  |  |  | 23. 1  |   | 21.7  |   | 22.7  |   | 20.2   |   |  |  | 22.4   |
| 13  |   |  |   |  |  |  | 23.5   |   | 21.0  |   |   | 98 0  | 18 4   |   |  |  | 22.1   |
| 14  | 13  | 33.1   |   |  |  |  | 24 2   |   | 22.2  | 32.2  | 23.1  | 29.2  |  |   |  |  | 23.6   |
| 15  | 14  | 82.1   |   | 30.6   |  | 28.5   | 23.5   |   |   | 31  | 22.8  |   |  | 32.6  | 22.8   |  | 23.7   |
| 17  | 15  | 31.5   | 22  | 32.1   | 20.6   | 29.2   | 23.5   | 33. 2   | 20.5  | 32  | 22.6  | 28.3  | 18.9   | 32.5  | 22.6   | 33.1   | 23.1   |
| 18  | 16  | 80   | 21.6  | 32.4   | 21.3   | 29   | 23.3   |   | 20.9  |   | 22.5  | 28  |  |   |  |  |  |
| 19  | 11  | 80.1   |   |  | 22.6   | 28.9   | 23.8   | 32.1  |   | 32  |   | 28.8  |  |   |  |  |  |
| 21.   | 10<br>19  | 29.2   |   |  |  | 28.7   | 23.5   | 32.3  |   |   | 99 0  | 21.8  |  | 32. 2   |  |  |  |
| 11  | 20  | 29.8   |   |  |  |  | 22.7   | 32.8  |   |   | 22.6  | 27.2  |  | 32.9  | 21.6   | 30.8   | 22.1   |
| 22.   | 21  | 28.8   | 22.6  |  | 22.1   |  | 23   | 32.8  |   |   | 22.5  |   |  |   |  |  | 22.3   |
| 23  | 22  | 29.8   | 22.7  | 30.1   | 22.6   | 28.7   | 22.9   | 33  | 22  | 30.5  | 22.5  | 24.8  | 19.3   | 31.9  | 22   | 31.2   | 22.8   |
| Second   S  | 23  | 30.3   |   |  |  |  | 22.8   |   |   |   | 22.9  |   | 19   |   |  |  | 22.3   |
| Butuan.   Mambajao.   Dumaguete   Paper   Pa  | 24  | 28.4   |   |  |  |  |  | 33. 2   |   |   | 22.5  |   |  |   |  |  |  |
| 27.   | Zb  |  |   |  |  |  | 23.3   | 32.7  |   |   | 99 5  |   |  | 32  |  |  |  |
| 28  |   |  |   |  |  |  | 99.7   |   |   |   |   |   |  |   |  |  |  |
| Butuan.   Mambajao.   Dumaguete.   Yap, Western Carolines.   Tagbilaran.   Iwahig.   Surigao.   Maasin.   |   |  |   |  |  |  |  |   | 21.3  |   |   |   |  | 32.8  |  |  | 23.1   |
| Butuan.   Mambajao.   Dumaguete.   Yap, Western Carolines.   Tagbilaran.   Iwahig.   Surigao.   Massin.   |   |  |   |  |  | 27.8   |  |   |   |   |   | 28.3  |  | 32 6  |  |  |  |
| Day.  | 30  | 31.2   | 23.1  | 31.6   | 22.7   | 29.3   | 24.2   | 32.5  | 21.9  | 26. 1   |   |   | 20   | 34.4  |  |  |  |
| Day.    Maxi  | Mean  | 30.8   | 23. 2   | 32.3   | 22.1   | 29. 4  | 23.4   | 32.8  | 21.6  | 31  | 22. 9   | 27.7  | 19.5   | 33  | 22.4   | 33. 1  | 22.9   |
| Day.  |   |  |   |  |  |  |  |   |   |   |   |   |  |   |  |  |  |
|   |   | But  | uan.  | Mam  | bajao.   | Duma   | guete.   | Yap, V<br>Caro  | Vestern<br>lines.   | Tagbi   | laran.  | Iwa   | hig.   | Sur   | igao.  | Mas  | asin.  |
| **C.         *C. <td>Day.</td> <td>But</td> <td>uan.</td> <td>Mam</td> <td>bajao.</td> <td>Duma</td> <td>guete.</td> <td>Yap, V<br/>Caro</td> <td>Vestern<br/>lines.</td> <td>Tagbi</td> <td></td> <td>Iwa</td> <td>hig.</td> <td>Sur</td> <td>igao.</td> <td>Mas</td> <td>asin.</td>   | Day.  | But  | uan.  | Mam  | bajao.   | Duma   | guete.   | Yap, V<br>Caro  | Vestern<br>lines.   | Tagbi   |   | Iwa   | hig.   | Sur   | igao.  | Mas  | asin.  |
| 1       83.6       22.8       38.3       24.6       85.8       28.3       31.2       24.3       33.2       22.7       33.8       21.1       31.8       24.7       33.5       23.6         2       34.1       22.9       34.7       25.6       32.9       22.6       31.8       24.2       33.3       24.1       33.1       21.5       32.2       25.3       33       23.5         3       34.9       28.8       33.4       26.4       32.4       22.2       31.7       25.6       31.9       24.6       33.7       19.5       31.8       26.9       32.6       23.2       22.6       31.7       25.6       31.9       24.6       33.7       19.5       31.8       26.9       32.6       23.2       22.6       31.7       25.6       31.9       24.6       33.7       19.8       31.9       24.9       32.4       27.2       28.3       33.1       21.2       28.3       33.1       21.2       28.3       33.1       21.2       28.3       33.1       21.2       28.2       23.7       26.3       33.8       22.4       27.8       33.2       24.2       38.3       12.2       25.7       31.8       26.3       33.1       21.2 <td>Day.</td> <td>Maxi-</td> <td>Mini-<br/>mum.</td> <td>Maxi-</td> <td>Mini-</td> <td>Maxi-</td> <td>Mini-</td> <td>Caro<br/>Maxi-</td> <td>Mini-</td> <td>Maxi-</td> <td>Mini-</td> <td>Maxi-</td> <td>Mini-</td> <td>Maxi-</td> <td>Mini-</td> <td>Maxi-</td> <td>Mini-</td>  | Day.  | Maxi-  | Mini-<br>mum.   | Maxi-  | Mini-  | Maxi-  | Mini-  | Caro<br>Maxi-   | Mini-   | Maxi-   | Mini-   | Maxi-   | Mini-  | Maxi-   | Mini-  | Maxi-  | Mini-  |
| 2         34.1         22.9         34.7         25.6         32.9         22.6         31.8         24.2         33.3         24.1         33.1         21.5         32.2         25.3         33.5           3         34.2         22.8         34.2         26.6         31.1         22.7         30.3         23.3         32.7         23.9         33.5         19.5         31.8         26.4         33.2         33.9           4         34.9         28         33.2         26.4         32.4         22.2         31.7         25.6         31.9         24.6         33.7         19.5         31.8         26.9         32.6         23.9           5         35.4         23.8         33.6         26.9         32.4         25.6         31.7         25.7         31.8         26.3         33.1         21.5         31.9         24.6         33.7         19.3         31.9         26.9         32.6         23.9           6         33.3         32.4         23.2         24.9         32.2         25.2         32.7         26.3         33.1         21.2         23.9         27.9         32.4         24.9         22.2         32.7         26.3         33.1 </td <td>Day.</td> <td>Maxi-<br/>mum.</td> <td>Mini-<br/>mum.</td> <td>Maxi-<br/>mum.</td> <td>Mini-<br/>mum.</td> <td>Maxi-<br/>mum.</td> <td>Mini-<br/>mum.</td> <td>Maxi-<br/>mum.</td> <td>Mini-<br/>mum.</td> <td>Maxi-<br/>mum.</td> <td>Mini-<br/>mum.</td> <td>Maxi-<br/>mum.</td> <td>Mini-<br/>mum.</td> <td>Maxi-<br/>mum.</td> <td>Mini-<br/>mum.</td> <td>Maxi-<br/>mum.</td> <td>Mini-<br/>mum.</td>   | Day.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  |
| 4         34.9         28         33         28.4         32.4         22.2         31.7         25.6         31.9         24.6         33.7         19         \$1.9         26.9         32.6         23.9           5         35.4         22.8         33.5         28.9         32.4         25.6         31.7         25.7         31.8         26.3         33.1         28.3         32.4         27.8         32.2         25.7         31.8         26.3         33.1         28.3         32.4         27.8         32.2         24.8           7         35.1         23.5         34.1         25.9         38         24.8         31.7         25.5         33.3         25.8         32.4         27.9         32.2         22.2         32.7         26.3         32.8         22.9         31.9         27.9         32.2         24.8           8         36.5         28.4         34.2         26.7         34.9         26.8         33.1         21.2         32.9         27.2         31.9         22.4         28.7         21.4         32.4         27.7         32.6         23.4         34.9         22.9         33.1         25.5         33.1         21.2         32.9 </td <td>week at the second</td> <td>Maxi-<br/>mum.</td> <td>Mini-<br/>mum.</td> <td>Maxi-<br/>mum.</td> <td>Mini-<br/>mum.</td> <td>Maxi-<br/>mum.</td> <td>Mini-<br/>mum.</td> <td>Maxi-<br/>mum.</td> <td>Mini-<br/>mum.</td> <td>Maxi-<br/>mum.</td> <td>Mini-<br/>mum.</td> <td>Maxi-<br/>mum.</td> <td>Mini-<br/>mum.</td> <td>Maxi-<br/>mum.</td> <td>Mini-<br/>mum.</td> <td>Maxi-<br/>mum.</td> <td>Mini-<br/>mum.</td>  | week at the second  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  |
| 5         35,4         23,8         33,5         26         32,4         25,6         31,7         25,7         31,8         26,3         33,1         26,3         32,4         27,8         32,2         24,8           7         38,5         26,9         32,8         24,9         32,2         25,5         33,3         25,8         22,9         31,9         27,9         32,2         24,8           8         36,5         28,4         34,1         25,9         33         24,8         31,7         25,5         33,3         25,8         33,1         21,2         32,9         27,2         31,9         23,0           8         36,5         28,4         34,1         25,9         34,1         29,8         23,6         31,7         25,4         31,4         24,6         32,7         21,4         32,2         27,7         32,6         23,4           9         34,5         28,9         34,1         29,8         23,8         33,2         25,4         31,4         25,4         33,7         21,6         33,1         26,3         32,4         27,7         32,6         23,5         24,5           10         35,1         24         34,6   | 100 de 100 de 100 de 100 de 100 de 100 de 100 de 100 de 100 de 100 de 100 de 100 de 100 de 100 de 100 de 100 de | Maximum.   | Mini-<br>mum.<br>°C.<br>22.3<br>22.9  | Maxi-<br>mum.<br>°C.<br>38.3   | Mini-<br>mum.<br>°C.<br>24.6   | Maximum.   | Mini-<br>mum.<br>°C.<br>23.3<br>22.6   | Maxi-<br>mum.<br>°C.<br>31.2  | Mini-<br>mum.<br>*C.<br>24.3<br>24.2  | Maximum.  | Mini-<br>mum.<br>°C.<br>23.7  | Maxi-<br>mum.<br>°C.  | Mini-<br>mum.<br>°C.<br>21 1   | Maxi-<br>mum.<br>°C.<br>31,8  | Mini-<br>mum.  | Maximum.   | Minimum.   |
| 6       33,3       24,2       33,6       28,9       32,8       24,9       32,2       25,2       32,7       26,3       32,8       22,9       31,9       27,9       32,2       24,8         7       35,1       23,5       34,1       25,9       33       24,8       31,7       25,5       33,3       25,8       33,1       21,2       32,9       27,2       31,9       27,9       32,2       23,4         8       36,5       24,4       34,2       26,7       34,9       23,6       31,7       25,3       33,4       24,6       32,7       21,4       32,4       27,7       32,6       23,4         9       34,5       25,9       34,1       26,1       29,8       23,8       31,7       25,4       31,4       25,4       30,6       21,3       32,4       27,7       32,5       23,5       23,2       23,4       27,3       32,5       24,5       23,4       31,7       25,4       31,4       25,4       30,6       21,3       32,4       27,3       32,5       23,5       21,5       31,7       21,6       33,1       26,0       31,7       24,3       32,2       20,4       32,2       23,3       32,3       22,9  | 1.  | Maxi-<br>mum.<br>°C.<br>33.6<br>34.1<br>34.2   | Mini-<br>mum.<br>°C.<br>22.3<br>22.9<br>22.8  | Maxi-<br>mum.<br>°C.<br>38.3<br>34.7<br>34.2   | Mini-<br>mum.<br>°C.<br>24.6<br>25.6<br>26.6   | Maxi-<br>mum.<br>°C.<br>33, 8<br>32, 9<br>31, 1  | Mini-<br>mum.<br>°C.<br>28.3<br>22.6<br>22.7   | Caro<br>Maxi-<br>mum.<br>°C.<br>31.2<br>31.8<br>30,3  | Mini-<br>mum.<br>°C.<br>24.3<br>24.2<br>23.3  | Maxi-<br>mum.<br>°C.<br>33.2<br>33.3<br>82.7  | Mini-<br>mum.<br>°C.<br>23.7<br>24.1<br>23.9  | Maxi-<br>mum.<br>°C.<br>33.8<br>33.1<br>33.5  | Mini-<br>mum.<br>°C.<br>21 1<br>21.5<br>19.5   | Maxi-<br>mum.<br>°C.<br>31.8<br>32<br>31.8  | Mini-<br>mum.<br>°C.<br>24.7<br>25.3<br>26.4   | Maxi-<br>mum.<br>°C.<br>33.5<br>33.2   | Mini-<br>mum.<br>°C.<br>23.6<br>23.5<br>23.7   |
| 7   | 1.<br>2.<br>3.  | Maxi-<br>mum.<br>°C.<br>33. 6<br>34. 1<br>34. 2<br>34. 9                                     | Mini-<br>mum.<br>°C.<br>22.3<br>22.9<br>22.8<br>28.8  | Maxi-<br>mum.<br>°C.<br>38.3<br>34.7<br>34.2   | Mini-<br>mum.<br>°C.<br>24.6<br>25.6<br>26.6<br>26.4   | Maxi-<br>mum.<br>°C.<br>33, 8<br>32, 9<br>31, 1<br>32, 4   | Mini-<br>mum.<br>°C.<br>28. 3<br>22. 6<br>22. 7<br>22, 2   | Caro  Maximum.  °C. 31.2 31.8 30.3 31.7   | Mini-<br>mum.<br>*C.<br>24.3<br>24.2<br>23.3<br>25.6  | Maxi-<br>mum.<br>*C.<br>33.2<br>33.3<br>32.7<br>31.9  | Mini-<br>mum.<br>°C.<br>23.7<br>24.1<br>23.9<br>24.6  | Maxi-<br>mum.<br>°C.<br>33.8<br>33.1<br>33.5<br>33.7  | Mini-<br>mum.<br>°C.<br>21 1<br>21.5<br>19.5   | Maxi-<br>mum.<br>°C.<br>31.8<br>32<br>31.8<br>31.9  | Mini-<br>mum.<br>°C.<br>24.7<br>25.3<br>26.4<br>26.9   | Maxi-<br>mum.<br>°C.<br>33.5<br>33.2<br>32.6   | Mini-<br>mum.<br>°C.<br>23.6<br>23.5<br>23.7<br>23.9   |
| 8         36.5         24.4         34.2         26.7         34.9         23.6         31.7         25.4         33.4         22.6         32.4         27.7         32.6         23.4           9         34.5         25.9         34.1         26.1         29.8         23.8         31.7         25.4         31.4         25.4         30.6         21.3         32.4         27.7         32.5         23.5           10         36.1         24         34.6         25.3         34.4         22.9         33.3         25         33.6         25.5         31.7         21.6         33.1         26.9         32.5         24.5           11         36.3         25.2         26.5         33.8         22.2         23.3         25         33.4         24.3         32         20.4         32.8         24.6         32.8         23.7           12         36.2         23.2         23.8         23.6         32.4         22.1         6         33.7         24.5         32.9         23.5         30.6         19.7         32.9         23.2         23.8         23.6         32.4         22.7         24.5         32.9         23.5         30.6         19.7  | 1<br>2<br>3   | Maxi-<br>mum.<br>°C.<br>33. 6<br>34. 1<br>34. 2<br>34. 9<br>35. 4                            | Mini-<br>mum.<br>*C.<br>22.3<br>22.9<br>22.8<br>28<br>23.8  | Maxi-<br>mum.<br>°C.<br>38.3<br>34.7<br>34.2<br>38<br>33.5   | Mini-<br>mum.<br>°C.<br>24.6<br>25.6<br>26.6<br>26.4<br>26   | Maxi-<br>mum.<br>°C.<br>33, 8<br>32, 9<br>31, 1<br>32, 4<br>32, 4  | Mini-<br>mum.<br>°C.<br>28. 3<br>22. 6<br>22. 7<br>22. 2<br>25. 6  | Caro  Maximum.  °C. 31.2 31.8 30.3 31.7 31.7  | Mini-<br>mum.<br>°C.<br>24.3<br>24.2<br>23.3<br>25.6<br>25.7  | Maxi-<br>mum.<br>*C.<br>33.2<br>33.3<br>32.7<br>31.9<br>31.8  | Mini-<br>mum.<br>°C.<br>23.7<br>24.1<br>23.9<br>24.6<br>26.3  | Maxi-<br>mum.<br>°C.<br>33. 8<br>33. 1<br>93. 5<br>33. 7<br>33. 7   | Mini-<br>mum.<br>°C.<br>21.1<br>21.5<br>19.5<br>19.26.3  | Maxi-<br>mum.<br>°C.<br>31.8<br>32<br>31.8<br>31.9<br>32.4  | Mini-<br>mum.<br>°C.<br>24.7<br>25.3<br>26.4<br>26.9<br>27.8   | Maxi-<br>mum.<br>°C.<br>33.5<br>33.2<br>32.6<br>32   | Minimum.  °C. 23.6 23.5 23.7 23.9 24   |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$   | 1   | Maximum.  *C. 33.6 34.1 34.2 34.9 35.4   | Mini-<br>mum.<br>*C.<br>22.3<br>22.9<br>22.8<br>28.8<br>23.8<br>24.2  | Maxi-<br>mam.<br>°C.<br>38.3<br>34.7<br>34.2<br>33.5<br>33.5   | Minimum.  °C. 24.6 25.6 26.6 26.4 26.9   | Maxi-<br>mum.<br>°C.<br>33, 8<br>32, 9<br>31, 1<br>32, 4<br>32, 4<br>32, 8   | Mini-<br>mum.  °C. 28.3 22.6 22.7 22.7 22.2 25.6 24.9  | Caro  Maximum.  °C. 31.2 31.8 30.3 31.7 31.7 32.2   | Mini-mum.  *C. 24.3 24.2 28.3 25.6 25.7 25.2  | Maxi-<br>mum.<br>°C.<br>33.2<br>33.3<br>32.7<br>31.9<br>31.8<br>32.7  | Mini-<br>mum.  *C. 23.7 24.1 23.9 24.6 26.3   | Maxi-<br>murh.<br>°C.<br>33. 8<br>33. 1<br>33. 5<br>33. 7<br>33. 1<br>32. 8   | Mini-<br>mum.<br>°C.<br>21 1<br>21, 5<br>19, 5<br>19, 5<br>19, 5<br>26, 3<br>22, 9   | Maxi-<br>mum.<br>°C.<br>31.8<br>32<br>31.8<br>31.9  | Mini-<br>mum.<br>°C.<br>24.7<br>25.3<br>26.4<br>26.9<br>27.8<br>27.9   | Maxi-<br>mum.<br>°C.<br>33.5<br>33.2<br>32.6<br>32.32  | Minimum.  °C. 23.6 23.5 23.7 23.9 24.  |
| 10  | 1   | Maximum.  °C. 33.6 34.1 34.2 34.9 35.3 35.1  | Mini-<br>mum.<br>22. 3<br>22. 9<br>22. 8<br>28. 23. 8<br>24. 2<br>23. 5   | *C. 38.3 34.7 34.2 33 33.5 33.6 34.1   | Mini-<br>mum.<br>°C.<br>24.6<br>25.6<br>26.6<br>26.4<br>26.9<br>25.9   | Maxi-<br>mum.<br>°C.<br>33, 8<br>32, 9<br>31, 1<br>32, 4<br>32, 4<br>32, 8<br>32, 8  | Mini-<br>mum.<br>°C.<br>28. 3<br>22. 6<br>22. 7<br>22. 2<br>25. 6<br>24. 9<br>24. 8  | Caro  Maximum.  °C. 31.2 31.8 30.3 31.7 31.7 32.2 31.7  | Mini-<br>mum.<br>°C.<br>24.3<br>24.2<br>28.3<br>25.6<br>25.7<br>25.2  | Maxi-<br>mum.<br>°C.<br>33.2<br>33.3<br>32.7<br>31.9<br>31.8<br>32.7<br>33.3  | Mini-<br>mum.  °C. 23.7 24.1 23:9 24.6 26.3 26.3 25:8   | Maxi-<br>mum.<br>°C.<br>33.8<br>33.1<br>33.5<br>33.7<br>33.1<br>32.8<br>33.1  | Mini-<br>mum.<br>°C.<br>21.1<br>21.5<br>19.5<br>19.2<br>20.3<br>22.9<br>21.2   | Maxi-<br>mum.  °C. 31.8 32 31.8 31.9 32.4 31.9 32.9   | Minimum.  °C. 24.7 25.3 26.4 26.9 27.8 27.9  | Maximum.  *C. 33.5 33.2 32.6 32 32.32  | Minimum.  °C. 23.6 23.5 23.7 23.9 24.8 23  |
| 22     36.2     23.2     33.8     23.6     32.4     21.6     38.7     24.5     32.9     23.5     30.6     19.7     32.9     23.2     32.2     23.4       38     37.7     23     34.2     23.4     32     22.5     27.7     24.5     32.8     22.9     32.9     19.4     32.9     23.5     33     23.8       4     36.1     22     34.2     25     32.9     23.2     23.3     23.5     33.5     23.1     32.9     19.2     32.7     24.2     33.2     23.5       4     34.5     21.9     34.6     25.6     32.4     23.3     32.3     23.5     32.6     25.1     31.1     20.6     32.3     24.1     34     24.6       6     34.1     22.8     32.7     24.2     33.2     22.5     32.7     24.5     32.3     23.9     31.7     19.9     31.8     22.8     33.4     23.8       8     36.9     22.9     33.5     22.6     32.7     24.2     33.2     22.5     32.7     24.5     32.3     32.9     31.7     19.9     31.8     22.8     33.4     23.8       8     34     12.8     33.3     23.7     32.6  | 1   | Maxi-<br>mum.<br>°C.<br>33. 6<br>34. 1<br>34. 2<br>35. 4<br>33. 3<br>35. 1<br>36. 5<br>34. 5 | Mini-<br>mum.<br>°C.<br>22.3<br>22.9<br>22.8<br>23.8<br>24.2<br>23.5<br>24.2<br>23.5  | Maximum.  *C. 38.3 34.7 34.2 33.5 33.6 34.1 34.2 34.1  | Minimum.  *C. 24.6 25.6 26.6 26.4 26.9 25.9 25.9 26.7  | *C. 33, 8 32, 9 31, 1 4 32, 4 32, 8 34, 9 29, 8  | Mini-<br>mum.  °C. 28.3 22.6 22.7 22.2 25.6 24.9 24.8 23.8   | Caro  Maximum.  °C. 31.2 31.8 30.3 31.7 31.7 32.2 31.7 31.7 31.7  | Mini-<br>mum.<br>°C.<br>24.3<br>24.2<br>28.3<br>25.6<br>25.7<br>25.2<br>25.5  | Maximum.  °C. 33.2 33.3 32.7 31.9 31.8 32.7 33.4 31.4   | Mini-<br>mum.  °C. 23.7 24.1 23.9 24.6 26.3 26.3 25.8 24.6  | Maxi-<br>mum.<br>°C.<br>33.8<br>33.1<br>33.5<br>33.1<br>32.8<br>33.1<br>32.7<br>30.6  | Mini-<br>mum.<br>°C.<br>21 1<br>21.5<br>19.5<br>19.5<br>26.3<br>22.9<br>21.2<br>21.4<br>21.3   | Maxi-<br>mum.<br>°C.<br>31.8<br>32<br>31.8<br>81.9<br>32.4<br>31.9<br>32.9<br>32.4<br>32.9  | Mini-<br>mum.  °C. 24.7 25.3 26.4 26.9 27.8 27.9 27.2 27.7   | Maximum.  °C. 33.5 33 33.2 32.6 32 32.32 31.9 32.6   | Minimum.  °C. 23.6 23.7 23.9 24.8 23.4   |
| 13.     37.7     23     34.2     23.4     32     22.5     27.7     24.5     32.8     22.9     32.9     19.4     32.9     23.5     33     23.8       14.     36.1     22     34.2     25     32.9     23     32.3     23.5     33.5     23.1     32.9     19.2     32.7     24.2     33.2     23.5       15.     34.5     21.9     34.6     25.6     32.4     23.3     32.3     23.5     32.6     25.1     31.1     12.0     6     32.3     24.1     34.2       16.     34.1     22.8     32.7     24.2     33.2     22     32.9     24.5     33.7     23.4     32.3     18.9     32.7     23.3     32.6     24.2       17.     35.9     22.9     33.5     23.6     32.7     22.6     32.7     24.5     32.3     23.9     31.7     19.9     31.8     22.8     33.4     23.8       18.     34     22.8     33.3     23.7     32.6     22.6     31.7     24.5     32.3     22.6     32.1     19.3     31.3     24     32.8     24  | 1   | Maximum.  °C. 33.6 34.1 34.2 34.9 35.4 33.3 35.1 36.5 34.5                                   | Minimum.  *C. 22, 3 22, 9 22, 8 28 23, 8 24, 2 23, 5 24, 4 23, 9 24   | Maximum.  °C. 38.3 34.7 34.2 33 33.5 33.6 34.1 34.2 34.1 34.6  | Minimum.  °C. 24. 6 26. 6 26. 4 26 25. 9 25. 9 26. 7 26. 7 25. 3   | Maximum.  °C. 33, 8 32, 9 31, 1 32, 4 32, 8 33, 9 29, 8 34, 4  | Mini-<br>mum.<br>°C.<br>28.3<br>22.6<br>22.7<br>22.7<br>22.5.6<br>24.9<br>24.8<br>23.6<br>23.8<br>22.9   | Caro  Maximum.  °C. 31.2 31.8 30.3 31.7 31.7 32.2 31.7 31.7 33.3  | Mini-<br>mum.<br>°C.<br>24. 3<br>24. 2<br>28. 3<br>25. 6<br>25. 7<br>25. 2<br>25. 5<br>25. 4  | Maximum.  °C. 33.2 33.3 32.7 31.9 31.8 32.7 33.3 33.4 33.4 33.4   | Mini-<br>mum.<br>°C.<br>23. 7<br>24. 1<br>23. 9<br>24. 6<br>26. 3<br>25. 8<br>24. 6<br>25. 4<br>25. 5   | Maxi-<br>mum.<br>°C.<br>33.8<br>33.1<br>33.5<br>33.7<br>32.8<br>33.1<br>32.8<br>33.1<br>32.8<br>33.1  | Mini-<br>mum.  °C. 21.1 21.5 19.5 19.26.3 22.9 21.2 21.4 21.3 21.6   | Maxi-<br>mum.<br>°C.<br>31.8<br>32<br>31.9<br>32.9<br>32.9<br>32.4<br>33.1  | Mini-<br>mum.  °C. 24.7 25.3 26.4 26.9 27.8 27.9 27.2 27.7 26.9  | Maximum.  °C. 33.5 33 33.2 32.6 32 31.9 32.5 32.5 32.5   | Minimum.  ° C. 23.6 23.5 23.7 23.9 24.8 23.4 23.8 23.4 23.8 24.5   |
| 4   | 1 2 3 4 5 6 5 7 8 9 9 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | Maximum.  °C. 83.6 34.1 34.2 34.9 35.4 33.3 35.5 34.5 36.5 34.6                              | Mini-<br>mum.<br>*C.<br>22. 3<br>22. 9<br>22. 8<br>23. 8<br>24. 2<br>23. 5<br>24. 4<br>25. 9<br>24. 4<br>25. 9  | *C. 38.3 34.7 34.2 33 33.5 33.6 1 34.2 34.1 34.2 35.2  | Minimum.  °C. 24.6 25.6 26.4 26 25.9 25.9 26.7 26.1 25.3 26.5  | *C. 33. 8 32. 9 31. 1 32. 4 32. 4 32. 8 33 34. 9 29. 8 34. 4 33. 8   | Minimum.  °C. 28.3 22.6 22.7 22.2 25.6 24.9 24.8 23.6 23.8 22.9 22.2   | Caro  Maximum.  °C. 31.2 31.8 30.3 31.7 31.7 32.2 31.7 31.7 31.7 33.3 33.2  | Mini-<br>mum.<br>°C.<br>24.3<br>24.2<br>23.3<br>25.6<br>25.7<br>25.2<br>25.5<br>25.4<br>25  | Maximum.  *C. 33.2 33.3 32.7 31.9 31.8 32.7 33.3 33.4 31.4 33.6   | Mini-<br>mum.  °C. 23. 7 24. 1 23. 9 24. 6 26. 3 26. 3 25. 4 25. 4 25. 4 25. 4 25. 5 24. 3  | Maximum.  °C. 33.8 33.1 53.5 33.7 33.1 32.8 33.1 32.7 30.6 31.7 32  | Minimum.  °C. 21.1 21.5 19.26.3 22.9 21.4 21.3 21.6 20.4   | Maxi-<br>mum.<br>°C.<br>31.8<br>32<br>31.8<br>31.9<br>32.4<br>31.9<br>32.4<br>32.4<br>32.4<br>33.1  | Minimum.  °C. 24.7 25.3 26.4 26.9 27.8 27.9 27.7 27 26.9 24.6  | Maximum.  °C. 33.5 33.2 32.6 32.32 32.6 32.5 32.8  | Minimum.  °C. 23.6 23.5 23.7 23.9 24.8 23.4 23.4 23.8 24.8 23.7  |
| 15     34.5     21.9     34.6     25.6     32.4     23.3     32.3     23.5     32.6     25.1     31.1     20.6     32.3     24.1     34     24       16     34.1     22.8     32.7     24.2     33.2     22     32.9     24.5     33.7     23.4     32.3     18.9     32.7     23.3     32.6     24.2       17     35.9     22.9     33.5     23.6     32.7     22.5     32.7     24.5     32.3     23.9     31.7     19.9     31.8     22.8     33.4     23.8       18     34     22.8     33.3     23.7     32.5     22.6     31.7     24     32.3     22.6     32.1     19.3     31.3     24     32.8     24   | 1   | Maximum.  °C. 33.6 34.1 34.2 34.9 35.4 36.5 36.1 36.3  | Minimum.  °C. 22.3 9 22.8 28.8 24.2 23.5 24.2 28.9 24.4 228.9 24.4 23.2 23.4 23.4 23.4 23.4 23.4 23.4   | Maximum.  °C. 38.3 34.7 34.2 33.5 33.6 34.1 34.6 35.2 34.1 34.6 35.2 33.8  | Minimum.  °C. 24.6 25.6 26.6 26.4 26.9 25.9 25.9 25.1 25.3 26.5 23.6   | *C. 33.8 32.9 31.1 32.4 32.4 32.8 34.9 29.8 34.4 33.8 32.4   | Mini-<br>mum.  °C. 28.3 22.6 22.7 22.2 25.6 24.9 24.8 23.8 22.9 22.2 21.6  | Caro  Maximum.  °C. 31.2 31.8 30.3 31.7 32.2 31.7 31.7 32.3 33.3 33.2 33.3 33.2 38.7  | Mini-mum.  ° C. 24. 3 24. 2 28. 3 25. 6 25. 7 25. 2 25. 5 25 25 25 25 25 25   | Maximum.  °C. 33.2 33.3 32.7 31.9 31.8 32.7 33.3 33.4 33.6 33.4 33.6  | Minimum.  °C. 23.7 24.1 23.9 24.6 26.3 25.8 24.6 25.4 25.5 24.3 23.5  | Maximum.  °C. 33.8 33.1 33.5 33.7 32.8 33.1 32.8 33.1 32.7 30.6 31.7 32   | Minimum.  °C. 21.1 21.5 19.5 19.5 26.3 22.9 21.4 21.3 21.6 20.4 19.7   | Maxi-<br>mum.<br>°C.<br>31.8<br>52<br>81.8<br>81.9<br>32.4<br>31.9<br>32.9<br>32.4<br>33.1<br>32.8<br>32.4<br>33.1  | Mini-<br>mum.<br>°C.<br>24.7<br>25.3<br>26.4<br>26.9<br>27.9<br>27.2<br>27.7<br>26.9<br>24.6<br>23.2   | Maximum.  °C. 33.5 33 33.2 32.6 32.9 32.9 32.5 32.5 32.5 32.5 32.8   | Minimum.  °C. 23.6 23.7 23.7 24.8 23.4 23.8 24.8 23.4 23.8 24.7 23.4   |
| .634.1  | 1   | Maximum.  °C. 33.6 34.2 34.9 35.4 36.5 36.5 36.3 36.2 37.7                                   | Minimum.  *C. 22.3 22.9 22.8 28.2 23.5 24.4 25.4 25.4 25.4 25.2 23  | *C. 38.3 34.7 34.2 33.5 33.6 34.1 34.6 35.2 33.8 34.2  | Minimum.  *C. 24.6 26.6 26.4 26.9 26.9 26.7 26.7 26.1 25.3 26.5 23.4   | *C. 33. 8 32. 9 31. 1 32. 4 32. 8 33. 9 34. 4 33. 8 32. 4 33. 8 32. 4 32   | Minimum.  °C. 28.3 22.6 22.7 22.2 25.6 24.9 24.8 28.6 22.9 22.2 21.6 22.5  | Caro  Maximum.  °C. 31.2 31.8 30.3 31.7 31.7 32.2 31.7 31.7 33.3 33.2 33.7  | Mini-<br>mum.  °C. 24.3 24.2 28.3 25.6 25.7 25.2 25.5 25.4 25 24.5 24.5   | Maximum.  °C. 33.2 33.3 32.7 31.9 31.8 32.7 33.3 33.4 31.4 33.6 33.4 32.9   | Mini-<br>mum.  *C. 23. 9 24. 6 26. 3 25. 8 24. 6 25. 5 24. 3 23. 5 24. 3 23. 5  | Maximum.  °C. 33.8 33.1 33.5 33.7 33.1 32.8 33.1 32.7 30.6 31.7 32.6 31.7 32.6 32.9   | Minimum.  °C. 21.1 21.5 19.5 19.5 26.3 22.9 21.2 21.4 21.3 21.6 20.4 19.7 19.4   | Maxi-<br>mum.<br>°C.<br>31.8<br>32<br>31.8<br>31.9<br>32.9<br>32.4<br>33.1<br>32.8<br>32.8<br>32.9<br>32.9  | Mini-<br>mum.  °C. 24.7 25.3 26.4 26.9 27.8 27.2 27.7 26.9 24.6 23.2 23.5  | Maxi-<br>mum.<br>°C.<br>33.5<br>33.2<br>32.2<br>32.3<br>32.6<br>32.5<br>32.5<br>32.5<br>32.8<br>32.2   | Minimum.  ° C. 23.65 23.7 23.9 24.8 23.4 23.4 23.7 23.7 23.8   |
| .735.9  | 1 2 3 4 5 6 7 8 9 0 0 1 1 2 2 3 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4   | Maximum.  °C. 33.6 34.1 34.2 35.4 35.3 35.5 34.5 36.2 37.7 36.1                              | Minimum.  *C. 22.3 22.9 22.8 28. 24.2 23.4 4 23.9 24.4 223.4 223.2 23.2 23.2 23.2 23.2 23   | Maximum.  °C. 38.3 34.7 34.2 33.5 33.6 34.1 34.2 34.1 34.2 34.2 34.2 34.2 34.2   | Minimum.  24. 6 25. 6 26. 6 26. 4 26. 9 26. 9 26. 7 26. 1 25. 3 26. 5 23. 6 23. 4  | Maximum.  °C. 33.8 32.9 31.1 32.4 32.8 34.9 29.8 34.9 29.8 34.9 29.8 32.4 32.8   | Minimum.  °C. 28.3 22.6 22.7 22.7 22.5 6 24.9 24.8 6 22.8 22.9 22.2 21.6 22.5 23   | Caro Maximum.  °C. 31.2 31.8 30.3 31.7 32.2 31.7 31.7 32.2 33.7 32.3 33.2   | Mini-<br>mum 24.3<br>24.2<br>28.3<br>25.6<br>25.7<br>25.2<br>25.5<br>24.5<br>24.5<br>24.5<br>23.5   | Maximum.  °C. 33.2 33.3 32.7 31.9 31.8 32.7 33.3 33.4 31.4 33.6 33.4 32.9 32.8  | Mini-<br>mum.  *C. 23. 9 24. 6 26. 3 25. 8 24. 6 25. 5 24. 3 23. 5 24. 3 23. 5  | Maximum.  °C. 33.8 33.1 83.5 33.7 32.8 33.1 32.7 30.6 31.7 32 30.6 32.9   | Minimum.  °C. 21. 1 21. 5 19. 5 19. 26. 3 22. 9 21. 2 21. 4 21. 3 21. 6 20. 4 19. 7 19. 4  | Maxi-<br>mum.  °C. 31.8 32.9 32.4 31.9 32.4 32.9 32.4 32.8 32.9 32.7  | Minimum.  °C. 24.7 25.3 26.4 26.9 27.8 27.9 27.7 27 26.9 24.6 23.2 23.5 24.2   | Maximum.  °C. 33.5 33.2 32.6 32.32 31.9 32.6 32.5 32.8 32.2 33.33.2  | Minimum.  ° C. 23.6 5 23.7 23.9 24.8 23.4 23.4 23.7 23.4 23.5 24.5 23.7 23.4 23.8 23.5   |
| 8   | 1   | Maximum.  °C. 33.6 34.1 34.9 35.4 35.1 36.5 36.2 37.7 36.1 34.5                              | Mini-<br>mum.<br>22, 3<br>22, 9<br>28, 8<br>28, 2<br>24, 2<br>23, 5<br>24, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 5<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>28, 4<br>2 | Maximum.  *C. 38.3 34.7 34.2 33.5 34.1 34.6 35.2 34.2 34.2 34.6  | Minimum.  24. 6 25. 6 26. 6 26. 4 26 27. 9 26. 7 26. 7 26. 5 23. 4 25. 6   | Maximum.  °C. 33, 8 32, 9 31, 1 32, 4 32, 8 33, 9 29, 8 34, 4 33, 8 32, 4 32, 9 32, 4  | Mini-<br>mum.<br>°C.<br>28.3<br>22.6<br>22.7<br>22.2<br>24.8<br>23.6<br>23.8<br>22.9<br>22.2<br>22.6<br>23.8<br>23.8<br>23.8<br>23.8   | Caro Maximum.  °C. 31.2 31.8 30.3 31.7 32.2 31.7 32.2 31.7 32.3 33.3 33.2 27.7 32.3 32.3  | Minimum.  ° C. 24. 3 24. 2 23. 3 25. 6 25. 7 25. 2 25. 4 25 24. 5 24. 5 23. 5 23. 5   | Maximum.  °C. 33.2 33.3 32.7 31.9 31.8 32.7 33.4 33.4 33.6 33.4 33.6 33.5 32.6  | Minimum.  °C. 23.7 24.1 23.9 24.6 26.3 25.8 24.6 25.5 24.3 23.5 22.9 23.1   | Maximum.  *C. 33,8 33,1 33,5 33,7 83,1 82,7 83,1 82,7 83,1 82,9 30,6 81,7 82,9 82,9 83,1  | Minimum.  °C. 21, 1 21, 5 19, 5 19, 26, 3 22, 9 21, 2 21, 4 21, 3 21, 6 20, 4 19, 7 19, 4 19, 2 20, 6  | Maxi-<br>mum.<br>°C.<br>31.8<br>52<br>81.8<br>81.9<br>82.4<br>83.9<br>82.4<br>83.1<br>82.8<br>82.9<br>82.9<br>82.8<br>82.9<br>82.8  | Mini-<br>mum.<br>°C.<br>24. 7<br>25. 3<br>26. 4<br>26. 9<br>27. 8<br>27. 2<br>27. 7<br>26. 9<br>24. 6<br>23. 2<br>23. 5<br>24. 1   | Maximum.  °C. 33.5 33.2 32.6 32.32 32.9 32.5 32.5 32.5 32.8 32.2 33.3 33.2   | Minimum.  ° C. 23.5 23.7 23.9 24.8 23.4 23.8 24.5 23.4 23.8 24.5 23.7 23.4 23.8 24.5 23.8  |
| 19       34.1       22.3       35.1       23.8       32.4       22.3       30.5       23       32.1       24.2       31.3       19.9       32.3       23.5       32.2       23.5       32.8       32.2       22.8       32.8       32.1       24.2       31.3       19.9       32.3       23.5       32.7       23.6       22.9       22.8       32.8       22.5       32.8       19.2       30.3       23.7       33.2       21.8       22.4       29.1       22.1       32.6       22.5       30.2       21       30.0       23.6       31.5       22.2       30.0       22.5       30.7       23       31.8       24.3       32.1       20.2       31.3       25.7       30.9       22.5       30.7       23       31.8       24.3       32.1       20.2       31.3       25.7       30.9       22.5       30.7       23       31.8       24.3       32.1       20.2       31.3       20.2       31.3       20.2       31.8       24.3       32.1       20.2       31.3       20.2       31.3       20.2       31.9       22.2       23.5       24.2       31.9       24.3       32.1       20.2       31.4       22.2       23.2       23.2 <td>1</td> <td>Maximum.  °C. 33.6 34.1 34.2 35.4 33.3 35.5 34.5 36.5 34.7 36.3 36.2 37.7 36.1 34.1</td> <td>Minimum.  *C. 22, 3 22, 9 22, 8 23, 8 24, 2 23, 5 24, 4 23, 2 24 23, 2 21, 9 22, 8</td> <td>Maximum.  °C. 38.3 34.7 34.2 33.5 33.5 33.6 34.1 34.2 34.2 34.2 34.6 35.2 34.2 34.6 35.2</td> <td>Minimum.  *C. 24.6 6 26.6 26.4 26 9 25.9 25.7 26.1 25.3 6 23.4 25 6 24.2</td> <td>Maximum.  °C. 38, 8, 8, 82, 9 31, 11, 32, 4, 4, 4, 32, 8, 8, 9 29, 8, 34, 4, 4, 4, 82, 9, 8, 24, 4, 4, 82, 9, 82, 4, 4, 82, 9, 82, 4, 82, 9, 82, 4, 82, 9, 82, 82, 82, 7</td> <td>Mini-<br/>mum.<br/>°C.<br/>28.3<br/>22.6<br/>22.7<br/>22.2<br/>25.6<br/>24.9<br/>23.6<br/>23.8<br/>22.9<br/>22.2<br/>21.6<br/>22.5<br/>23.3<br/>23.3</td> <td>Caro Maximum.  °C. 31.2 31.8 30.3 31.7 31.7 32.2 31.7 33.7 32.7 33.7 27.7 32.3 32.9 32.9</td> <td>Mini-<br/>mum 24. 3<br/>24. 2<br/>28. 3<br/>25. 7<br/>25. 2<br/>25. 5<br/>25. 4<br/>25<br/>24. 5<br/>24. 5<br/>23. 5<br/>24. 5<br/>24. 5</td> <td>Maximum.  °C. 33.2 33.3 32.7 31.9 31.8 32.7 33.3 33.4 31.4 32.9 32.8 33.5 32.6 33.7</td> <td>Mini-<br/>mum.<br/>°C.<br/>23.7<br/>24.1<br/>23.9<br/>24.6<br/>26.3<br/>25.8<br/>24.6<br/>25.4<br/>25.5<br/>22.9<br/>23.1<br/>25.1</td> <td>Maxi-<br/>mum.<br/>33, 8<br/>33, 1<br/>33, 5<br/>33, 1<br/>32, 7<br/>33, 1<br/>32, 7<br/>30, 6<br/>31, 7<br/>32, 9<br/>32, 9<br/>32, 9<br/>32, 9<br/>32, 3</td> <td>Minimum.  °C. 21.1 21.5 19.5 19.26.3 22.9 21.4 21.3 21.6 20.4 19.7 19.4 19.2 20.6 18.9</td> <td>Maxi-<br/>mum.<br/>°C.<br/>31.8<br/>32.8<br/>31.9<br/>32.4<br/>31.9<br/>32.4<br/>32.4<br/>32.8<br/>32.9<br/>32.9<br/>32.9<br/>32.7<br/>32.3</td> <td>Mini-mum.  °C. 24.7 25.3 26.4 26.9 27.8 27.9 27.7 27 26.9 24.6 23.2 23.5 24.2 24.1 23.3</td> <td>Maximum.  *C. 33.5 33 33.2 32.6 32.32 31.9 32.6 32.5 32.8 32.2 33.3 33.2 34.2 34.6</td> <td>Minimum.  °C. 23.6 23.5 23.7 24.8 23.4 24.8 23.4 23.4 23.8 24.5 23.7 23.4 23.8 24.2</td>   | 1   | Maximum.  °C. 33.6 34.1 34.2 35.4 33.3 35.5 34.5 36.5 34.7 36.3 36.2 37.7 36.1 34.1          | Minimum.  *C. 22, 3 22, 9 22, 8 23, 8 24, 2 23, 5 24, 4 23, 2 24 23, 2 21, 9 22, 8  | Maximum.  °C. 38.3 34.7 34.2 33.5 33.5 33.6 34.1 34.2 34.2 34.2 34.6 35.2 34.2 34.6 35.2   | Minimum.  *C. 24.6 6 26.6 26.4 26 9 25.9 25.7 26.1 25.3 6 23.4 25 6 24.2   | Maximum.  °C. 38, 8, 8, 82, 9 31, 11, 32, 4, 4, 4, 32, 8, 8, 9 29, 8, 34, 4, 4, 4, 82, 9, 8, 24, 4, 4, 82, 9, 82, 4, 4, 82, 9, 82, 4, 82, 9, 82, 4, 82, 9, 82, 82, 82, 7   | Mini-<br>mum.<br>°C.<br>28.3<br>22.6<br>22.7<br>22.2<br>25.6<br>24.9<br>23.6<br>23.8<br>22.9<br>22.2<br>21.6<br>22.5<br>23.3<br>23.3   | Caro Maximum.  °C. 31.2 31.8 30.3 31.7 31.7 32.2 31.7 33.7 32.7 33.7 27.7 32.3 32.9 32.9  | Mini-<br>mum 24. 3<br>24. 2<br>28. 3<br>25. 7<br>25. 2<br>25. 5<br>25. 4<br>25<br>24. 5<br>24. 5<br>23. 5<br>24. 5<br>24. 5   | Maximum.  °C. 33.2 33.3 32.7 31.9 31.8 32.7 33.3 33.4 31.4 32.9 32.8 33.5 32.6 33.7   | Mini-<br>mum.<br>°C.<br>23.7<br>24.1<br>23.9<br>24.6<br>26.3<br>25.8<br>24.6<br>25.4<br>25.5<br>22.9<br>23.1<br>25.1                                      | Maxi-<br>mum.<br>33, 8<br>33, 1<br>33, 5<br>33, 1<br>32, 7<br>33, 1<br>32, 7<br>30, 6<br>31, 7<br>32, 9<br>32, 9<br>32, 9<br>32, 9<br>32, 3                                     | Minimum.  °C. 21.1 21.5 19.5 19.26.3 22.9 21.4 21.3 21.6 20.4 19.7 19.4 19.2 20.6 18.9   | Maxi-<br>mum.<br>°C.<br>31.8<br>32.8<br>31.9<br>32.4<br>31.9<br>32.4<br>32.4<br>32.8<br>32.9<br>32.9<br>32.9<br>32.7<br>32.3  | Mini-mum.  °C. 24.7 25.3 26.4 26.9 27.8 27.9 27.7 27 26.9 24.6 23.2 23.5 24.2 24.1 23.3  | Maximum.  *C. 33.5 33 33.2 32.6 32.32 31.9 32.6 32.5 32.8 32.2 33.3 33.2 34.2 34.6   | Minimum.  °C. 23.6 23.5 23.7 24.8 23.4 24.8 23.4 23.4 23.8 24.5 23.7 23.4 23.8 24.2  |
| 34.5     23.2     23.4     12.2     23.4     22.6     29.2     22.8     32.8     22.5     32.8     19.2     30.3     23.7     33     21.8       21     34.7     23.4     32.2     22.3     31.5     22.4     29.1     23.1     32.6     22.6     30.2     21     30     23.6     32.6     22.6     30.2     21     30     23.2     23.5       22     36.3     22.4     32.1     25.7     30.9     22.5     30.7     23     31.8     24.3     32.1     20.2     31.3     26.2     32.2     23.5       34.6     23.3     33     35.5     22.6     32.1     23.2     31.9     23.2     32.7     24.6     32.1     20.9     32     25.4     41.4     23.6       44     35.5     22.6     31.1     23.2     30.8     22.2     32.5     24.4     31.6     24.4     31.6     23.2     31.8     23.1     33.2     23.1     33.2     23.1     33.2     23.1     33.2     23.1     33.2     23.1     33.2     23.1     33.2     23.1     33.2     23.1     33.2     23.1     33.2     23.1     33.2     23.1     33.2     23.1<   | 1 2 2 3 4 5 6 7 7 5 9 10 11 12 12 13 14 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18                         | Maximum.  °C. 83.6 1 34.2 34.9 35.4 33.3 35.5 34.5 36.3 36.1 36.1 34.5 34.1 35.9 34          | Minimum.  *C. 322.9 22.8 28.8 24.2 23.5 24.4 25.9 24.4 25.2 28.2 21.9 22.8 22.9   | Maxi-<br>mum.<br>°C. 38.3 34.7 38.4 2 38.5 38.6 1 34.2 34.1 34.2 34.2 34.2 34.2 34.2 34.3 38.3 38.3 38.3   | Minimum.  °C. 24. 6 26. 6 26. 4 26. 9 26. 7 26. 5 23. 4 25. 6 24. 2 23. 6 24. 2 23. 6 23. 7  | Maximum.  °C. 83.8 82.9 31.1 32.4 32.8 33.8 34.9 29.8 32.4 33.8 32.4 32.2 32.7 32.5  | Mini-mum.  °C. 28.3 22.6 22.7 22.2 25.6 24.9 24.8 23.8 22.9 22.2 21.6 22.5 23.3 22.5 22.5 22.5   | Caro Maximum.  °C. 31.2 31.8 30.3 31.7 31.7 32.2 31.7 33.3 33.2 32.7 32.3 32.9 32.7   | Mini-<br>mum.<br>°C.<br>24. 3<br>24. 3<br>25. 6<br>25. 6<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 4<br>25. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26   | Maximum.  °C. 38.2 33.3 32.7 31.9 31.8 32.7 33.4 31.4 32.9 33.4 32.8 33.5 32.6 33.7 32.3  | Minimum.  °C. 23.7 24.1 23.9 24.6 26.3 25.8 24.6 25.5 22.9 23.5 22.9 23.5   | Maximum.  °C. 33.8 33.1 33.5 33.7 33.1 32.8 33.1 32.9 30.6 31.7 32 30.6 31.7 32.9 31.1  | Minimum.  °C. 21.1 21.5 19.26.3 22.9 21.4 21.3 21.6 20.4 19.7 19.4 19.2 20.6 18.9 19.9   | Maximum.  °C. 31.8  \$1.9 32.4  \$3.1  \$2.9  \$2.4  \$3.1  \$2.9  \$2.7  \$2.3  \$2.7  \$3.3   | Mini-mum.  °C. 24.7 25.3 26.4 26.9 27.8 27.7 22 27.7 26.9 24.6 23.5 24.1 24.3 3 22.8 24  | Maximum.  °C. 33.5 33.2 32.6 32.32 32.9 32.5 32.5 32.5 32.2 33.2 34.32.6 33.4  | Minimum.  °C. 23.66 23.57 23.7 23.4 24.8 23.4 23.4 23.4 23.4 23.5 24.2 23.4 23.8   |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$   | 1 2 2 3 4 5 6 7 7 5 9 10 11 12 12 13 14 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18                         | Maximum.  °C. 83.6 1 34.2 34.9 35.4 33.3 35.5 34.5 36.3 36.1 36.1 34.5 34.1 35.9 34          | Minimum.  *C. 22.3 222.8 28.8 24.2 23.5 4 25.9 24.4 25.2 23.4 25.9 22.8 22.9 22.8 22.9 22.8 22.3  | Maximum.  *C. 38.3 34.2 33.5 33.6 34.1 34.2 34.1 34.2 34.2 34.2 34.2 34.2 34.2 34.2 34.3 35.3 35.1   | Minimum.  *C. 24.66 26.626.6 26.9 26.9 26.7 26.7 25.3 26.5 23.6 23.4 25.26 25.26 23.7 25.3   | Maximum.  °C. 38.8 32.9 31.1 32.4 32.8 33.9 29.8 34.9 29.8 34.9 29.8 32.4 33.2 32.7 32.5 32.4 33.2 32.5  | Minimum.  °C. 28. 3 22. 6 22. 7 22. 2 25. 6 24. 9 22. 2 21. 6 22. 5 22. 5 22. 5 22. 6 22. 3  | Caro Maximum.  °C. 31. 2 31. 8 30. 3 31. 7 31. 7 32. 2 31. 7 38. 3 32. 3 32. 3 32. 3 32. 3 32. 3 32. 7 30. 5  | Mini-<br>mum °C. 24. 3<br>24. 2<br>24. 3<br>25. 6<br>25. 7<br>25. 2<br>25. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>25. 6<br>26. 6<br>26. 7<br>26. 6<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>26. 7<br>2          | Maximum.  °C. 33.2 33.3 32.7 31.9 31.8 32.7 33.4 33.6 33.4 33.6 33.9 32.8 33.6 33.7 32.9 32.8 33.8  | Minimum.  °C. 23.7 24.6 26.3 26.3 25.8 24.6 25.4 25.5 22.9 23.5 22.9 23.1 25.1 25.1 23.4 23.9 22.6 24.2   | Maximum.  °C. 33.8 33.1 33.5 33.7 33.1 32.8 33.1 32.8 33.1 32.9 30.6 31.7 32.9 31.1 32.3 31.7   | Minimum.  °C. 11 21.5 19.5 19.5 26.3 22.9 21.4 21.3 21.6 20.4 19.7 19.4 19.7 19.9 19.9 19.9 19.9 19.9 19.9 19.9  | Maximum.  °C. 31.8 32.9 32.4 33.19 32.4 33.19 32.7 32.3 32.7 32.3 32.3 32.3   | Minimum.  ° C  | Maximum.  ° C. 33.5 33 33.2 32.6 32.6 32.5 32.8 32.2 33.2 34.6 32.5 32.8 33.2 34.6 32.8  | Minimum.  ° C. 23.6 5.23.7 23.9 24.8 23.4 23.8 24.57 23.4 23.8 24.2 23.8 24.2 23.8 24.2 23.8   |
| 33.       34.       6       23.       33.       25.       7       32.       1       23. <td>1 2 2 3 4 5 6 7 7 5 9 10 11 12 12 13 14 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18</td> <td>Maximum.  °C. 83.6 1 34.2 34.9 35.4 33.3 35.5 34.5 36.3 36.1 36.1 34.5 34.1 35.9 34</td> <td>Minimum.  *C. 322, 9 222, 8 23, 8 24, 4 23, 5 24, 4 23, 4 23, 2 23 22 23 22 23 22 23 22 23 22 23 22 23 22 23 22 23 22 23 22 23 22 23 23</td> <td>*C. 38.3 7 34.2 33.5 33.6 1 34.1 2 34.6 35.2 34.2 34.6 32.7 33.3 35.1 34.1 34.1</td> <td>Minimum.  °C. 626.6 226.6 226.9 226.7 226.1 225.3 226.5 223.4 225.6 24.2 223.7 223.8 24.2</td> <td>*C. 83.8 9 31.1 32.4 32.8 34.9 29.8 34.4 32.4 32.9 32.4 33.2 32.5 32.4 33.2 32.4 33.2 32.4 33.2 32.5 32.4 31.4</td> <td>Minimum.  ° C. 28. 3 22. 6 22. 7 22. 2 25. 6 24. 9 22. 2 22. 5 22. 5 22. 6 22. 5 22. 6 22. 5 22. 6 22. 5 22. 6 22.</td> <td>Caro Maximum.  °C. 31. 2 31. 3 30. 3 31. 7 32. 2 31. 7 32. 2 31. 7 32. 3 33. 2 32. 3 32. 9 32. 7 30. 5 29. 2</td> <td>Mini-<br/>mum.<br/>°C.<br/>24. 3<br/>24. 2<br/>28. 3<br/>25. 6<br/>25. 2<br/>25. 5<br/>25. 2<br/>25. 4<br/>25. 2<br/>25. 4<br/>25. 2<br/>25. 4<br/>25. 2<br/>25. 4<br/>25. 2<br/>25. 4<br/>25. 2<br/>25. 4<br/>25. 2<br/>25. 4<br/>25. 2<br/>25. 4<br/>25. 2<br/>25. 4<br/>25. 2<br/>25. 4<br/>25. 2<br/>25. 4<br/>25. 2<br/>25. 4<br/>25. 4<br/>25. 5<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>25. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26. 6<br/>26.</td> <td>Maximum.  °C. 38.2 38.2 38.2 31.9 31.8 32.7 38.3 33.4 31.4 32.8 33.6 33.6 33.7 32.8 32.8 32.8 32.8</td> <td>Mini-mum.  °C. 23, 1 23, 9 24, 6 3 25, 8 24, 6 25, 4 25, 5 22, 9 23, 1 23, 4 23, 9 22, 6 24, 2 22, 5</td> <td>Maximum.  °C. 33.8 33.1 33.5 33.7 33.8 33.1 32.8 33.1 32.3 30.6 32.9 32.9 31.1 32.3 31.7 32.1 31.3 32.8</td> <td>Minimum.  °C. 21.1.5 19.5 19.5 20.3 22.9 21.4 21.3 21.6 20.4 19.7 19.4 19.2 19.9 19.3 19.9</td> <td>Maximum.  °C. 31.8 32.9 32.9 32.4 31.9 32.4 33.1 33.2 9 32.7 32.3 32.7 32.3 32.7 32.3 32.3 32.3</td> <td>Minimum.  *C. 24.7 25.3 26.4 26.9 27.9 27.2 27.7 27 26.9 24.6 23.5 24.1 23.3 22.8 24.1 23.5 24.2</td> <td>Maximum.  °C. 33.5 33 33.2 32.6 32.5 32.5 32.5 32.8 32.2 33.2 33.2 33.2 33.2 33.2 33.3 33.3 33.2 33.3</td> <td>Minimum.  ° C. 23.66 23.57 23.9 24.8 23.4 23.4 23.4 23.8 24.57 23.4 23.8 24.2 23.8 24.2 23.8 24.8</td> | 1 2 2 3 4 5 6 7 7 5 9 10 11 12 12 13 14 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18                         | Maximum.  °C. 83.6 1 34.2 34.9 35.4 33.3 35.5 34.5 36.3 36.1 36.1 34.5 34.1 35.9 34          | Minimum.  *C. 322, 9 222, 8 23, 8 24, 4 23, 5 24, 4 23, 4 23, 2 23 22 23 22 23 22 23 22 23 22 23 22 23 22 23 22 23 22 23 22 23 22 23 23   | *C. 38.3 7 34.2 33.5 33.6 1 34.1 2 34.6 35.2 34.2 34.6 32.7 33.3 35.1 34.1 34.1  | Minimum.  °C. 626.6 226.6 226.9 226.7 226.1 225.3 226.5 223.4 225.6 24.2 223.7 223.8 24.2  | *C. 83.8 9 31.1 32.4 32.8 34.9 29.8 34.4 32.4 32.9 32.4 33.2 32.5 32.4 33.2 32.4 33.2 32.4 33.2 32.5 32.4 31.4   | Minimum.  ° C. 28. 3 22. 6 22. 7 22. 2 25. 6 24. 9 22. 2 22. 5 22. 5 22. 6 22. 5 22. 6 22. 5 22. 6 22. 5 22. 6 22. | Caro Maximum.  °C. 31. 2 31. 3 30. 3 31. 7 32. 2 31. 7 32. 2 31. 7 32. 3 33. 2 32. 3 32. 9 32. 7 30. 5 29. 2  | Mini-<br>mum.<br>°C.<br>24. 3<br>24. 2<br>28. 3<br>25. 6<br>25. 2<br>25. 5<br>25. 2<br>25. 4<br>25. 2<br>25. 4<br>25. 2<br>25. 4<br>25. 2<br>25. 4<br>25. 2<br>25. 4<br>25. 2<br>25. 4<br>25. 2<br>25. 4<br>25. 2<br>25. 4<br>25. 2<br>25. 4<br>25. 2<br>25. 4<br>25. 2<br>25. 4<br>25. 2<br>25. 4<br>25. 4<br>25. 5<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>25. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. | Maximum.  °C. 38.2 38.2 38.2 31.9 31.8 32.7 38.3 33.4 31.4 32.8 33.6 33.6 33.7 32.8 32.8 32.8 32.8  | Mini-mum.  °C. 23, 1 23, 9 24, 6 3 25, 8 24, 6 25, 4 25, 5 22, 9 23, 1 23, 4 23, 9 22, 6 24, 2 22, 5  | Maximum.  °C. 33.8 33.1 33.5 33.7 33.8 33.1 32.8 33.1 32.3 30.6 32.9 32.9 31.1 32.3 31.7 32.1 31.3 32.8   | Minimum.  °C. 21.1.5 19.5 19.5 20.3 22.9 21.4 21.3 21.6 20.4 19.7 19.4 19.2 19.9 19.3 19.9   | Maximum.  °C. 31.8 32.9 32.9 32.4 31.9 32.4 33.1 33.2 9 32.7 32.3 32.7 32.3 32.7 32.3 32.3 32.3   | Minimum.  *C. 24.7 25.3 26.4 26.9 27.9 27.2 27.7 27 26.9 24.6 23.5 24.1 23.3 22.8 24.1 23.5 24.2   | Maximum.  °C. 33.5 33 33.2 32.6 32.5 32.5 32.5 32.8 32.2 33.2 33.2 33.2 33.2 33.2 33.3 33.3 33.2 33.3 | Minimum.  ° C. 23.66 23.57 23.9 24.8 23.4 23.4 23.4 23.8 24.57 23.4 23.8 24.2 23.8 24.2 23.8 24.8  |
| 44     35.5     22.6     31.1     23.5     30.8     22     32.5     24.7     31.6     24.4     31.6     20.7     31.8     23.9     32.5     23.4       15.     36.2     22.4     31.4     23.2     30.8     22.4     33.4     24.7     31.9     23.2     31.6     19.8     31.2     23.1     33.2     23.1     33.2     23.1     33.2     23.1     33.2     23.1     33.2     23.1     33.2     23.1     33.2     23.1     33.2     23.1     33.2     23.1     33.2     23.1     33.2     23.4     24.2     29.7     28     32.2     19.8     28.3     23.4     31.2     23.3       18.     33.6     22.3     34.1     23.6     32.4     24.2     31.7     25.6     31.5     23.3     32.6     19.8     30.9     23.3     33.2       19.     32.6     23.1     31.6     23.6     32.4     24.2     31.7     25.6     31.5     23.3     32.6     19.8     30.9     23.3     33.2       19.     32.6     23.1     31.6     23.6     33.2     22.5     33.1     23.2     24.2     33.1     23.2     24.2     33.1     23.2 <td< td=""><td>1</td><td>Maximum.  °C. 83.6 1 34.2 34.9 35.4 33.3 35.5 34.5 36.3 36.1 36.1 34.5 34.1 35.9 34</td><td>Minimum.  *C. 22.3 9 22.8 28 23.5 24.4 25.9 24.4 25.2 23.2 22.9 22.9 22.9 22.9 22.3 22.2 23.4 22.3 22.3 22.3 22.3 23.4 23.4</td><td>Maximum. 38. 3 34. 7 34. 2 33. 5 34. 1 34. 2 34. 1 34. 2 34.</td><td>Minimum.  *C. 24.6 25.6 26.6 26.9 26.9 26.7 25.3 26.3 26.3 25.3 26.3 25.3 26.2 23.6 23.4 25.3 25.3 22.2 23.6 23.2 23.2 23.2 23.2 23.2 23</td><td>Maximum.  °C. 33,8 32,9 31,1 32,4 32,4 32,4 32,9 34,9 32,4 33,2 32,7 32,5 32,4 31,4</td><td>Minimum.  ° C. 28.3 22.6 22.7 22.5 6 24.8 28.6 22.9 24.8 22.9 22.5 23.3 22.5 22.5 22.5 22.6 22.6 22.6 22.6 22.6</td><td>Caro Maximum.  *C. 31.2 81.8 30.3 81.7 31.7 32.2 31.7 31.7 32.3 33.2 38.7 27.7 32.3 32.3 32.9 32.7 30.5 29.2 29.1</td><td>Mini-<br/>mum.<br/>°C.<br/>24. 3<br/>24. 2<br/>28. 3<br/>25. 6<br/>26. 7<br/>25. 2<br/>26. 5<br/>26. 5<br/>27. 2<br/>28. 3<br/>25. 6<br/>26. 7<br/>27. 2<br/>28. 3<br/>29. 4<br/>29. 3<br/>29. 4<br/>29. 3<br/>29. 4<br/>29. 3<br/>29. 4<br/>29. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5<br/>20. 5</td><td>Maximum.  *C. 33.2 33.3 32.7 31.9 31.8 32.7 33.4 33.4 33.4 33.5 32.9 32.3 32.1 32.8 32.6</td><td>Minimum.  ° C. 7 24, 1 23, 9 24, 6 26, 3 25, 8 24, 6 25, 4 25, 5 22, 9 23, 5 22, 9 22, 6 24, 2 22, 5 22, 5</td><td>Maximum.  *C. 33.8 33.1 53.5 33.7 33.1 82.7 30.6 31.7 32.9 31.1 32.8 32.9 31.1 32.3 32.3 32.3 32.3 32.3</td><td>Minimum.  °C. 21.1 21.5 19.5 19.5 22.2 21.4 21.3 21.6 20.4 19.7 19.4 19.9 19.9 19.9 19.9</td><td>Maximum. °C. 31.8 32.9 32.4 33.1 32.4 33.1 32.3 32.7 32.3 32.7 31.8 32.3 30.3</td><td>Minimum.  °C. 24.7 25.3 26.4 26.9 27.8 27.7 26.9 24.6 23.2 24.1 23.3 22.8 24.1 23.3 22.8</td><td>Maximum.  *C. 33.5 33.2 32.6 32.5 32.5 32.5 32.2 33.2 32.5 32.8 32.8 32.8 33.4 32.8 33.4 32.8 33.4 33.5</td><td>Minimum.  ° C. 23.6 5 23.7 23.9 24.8 23.4 223.8 224.7 23.4 223.8 224.2 23.2 24.2 24.2 24.2 24.2 24.2 24.</td></td<>   | 1   | Maximum.  °C. 83.6 1 34.2 34.9 35.4 33.3 35.5 34.5 36.3 36.1 36.1 34.5 34.1 35.9 34          | Minimum.  *C. 22.3 9 22.8 28 23.5 24.4 25.9 24.4 25.2 23.2 22.9 22.9 22.9 22.9 22.3 22.2 23.4 22.3 22.3 22.3 22.3 23.4 23.4   | Maximum. 38. 3 34. 7 34. 2 33. 5 34. 1 34. 2 34. 1 34. 2 34. | Minimum.  *C. 24.6 25.6 26.6 26.9 26.9 26.7 25.3 26.3 26.3 25.3 26.3 25.3 26.2 23.6 23.4 25.3 25.3 22.2 23.6 23.2 23.2 23.2 23.2 23.2 23                       | Maximum.  °C. 33,8 32,9 31,1 32,4 32,4 32,4 32,9 34,9 32,4 33,2 32,7 32,5 32,4 31,4  | Minimum.  ° C. 28.3 22.6 22.7 22.5 6 24.8 28.6 22.9 24.8 22.9 22.5 23.3 22.5 22.5 22.5 22.6 22.6 22.6 22.6 22.6  | Caro Maximum.  *C. 31.2 81.8 30.3 81.7 31.7 32.2 31.7 31.7 32.3 33.2 38.7 27.7 32.3 32.3 32.9 32.7 30.5 29.2 29.1   | Mini-<br>mum.<br>°C.<br>24. 3<br>24. 2<br>28. 3<br>25. 6<br>26. 7<br>25. 2<br>26. 5<br>26. 5<br>27. 2<br>28. 3<br>25. 6<br>26. 7<br>27. 2<br>28. 3<br>29. 4<br>29. 3<br>29. 4<br>29. 3<br>29. 4<br>29. 3<br>29. 4<br>29. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5<br>20. 5  | Maximum.  *C. 33.2 33.3 32.7 31.9 31.8 32.7 33.4 33.4 33.4 33.5 32.9 32.3 32.1 32.8 32.6  | Minimum.  ° C. 7 24, 1 23, 9 24, 6 26, 3 25, 8 24, 6 25, 4 25, 5 22, 9 23, 5 22, 9 22, 6 24, 2 22, 5 22, 5  | Maximum.  *C. 33.8 33.1 53.5 33.7 33.1 82.7 30.6 31.7 32.9 31.1 32.8 32.9 31.1 32.3 32.3 32.3 32.3 32.3   | Minimum.  °C. 21.1 21.5 19.5 19.5 22.2 21.4 21.3 21.6 20.4 19.7 19.4 19.9 19.9 19.9 19.9   | Maximum. °C. 31.8 32.9 32.4 33.1 32.4 33.1 32.3 32.7 32.3 32.7 31.8 32.3 30.3   | Minimum.  °C. 24.7 25.3 26.4 26.9 27.8 27.7 26.9 24.6 23.2 24.1 23.3 22.8 24.1 23.3 22.8   | Maximum.  *C. 33.5 33.2 32.6 32.5 32.5 32.5 32.2 33.2 32.5 32.8 32.8 32.8 33.4 32.8 33.4 32.8 33.4 33.5  | Minimum.  ° C. 23.6 5 23.7 23.9 24.8 23.4 223.8 224.7 23.4 223.8 224.2 23.2 24.2 24.2 24.2 24.2 24.2 24.   |
| 35.2     22.4     31.4     28.2     30.8     22.4     33.4     24.7     31.9     23.2     31.6     19.8     31.2     23.1     33     23.3       36.     34.5     23.2     31     28.2     30     23.7     33.8     24.5     31.5     23.4     32     19.4     31     23.8     34     23       27.     38.5     22.7     30.5     24.2     32     23.8     31.8     24     29.7     23     32.2     19.8     28.3     23.4     31     23       18.     33.6     22.3     34.1     28.6     32.4     24.2     31.7     25.6     31.5     23.3     32.6     19.8     28.3     23.4     31     23       19.     32.6     23.1     31.6     23.5     33.2     22.5     32.5     24.2     33.1     23.3     32.4     20.3     30.1     24.7     33     23       19.     35.4     22.5     31.6     23.2     20.3     24.1     33.2     23.5     24.2     33.1     23.3     32.4     20.3     30.1     24.7     33     23       19.     35.4     22.5     31.6     23.2     20.3     32.4     24.2     3   | 1 2 3 4 5 5 6 6 7 7 9 9 0 0 0 11 1 1 1 1 1 1 1 1 1 1 1 1 1  | Maximum.  °C. 83.6 1 34.2 34.9 35.4 33.3 35.5 34.5 36.3 36.1 36.1 34.5 34.1 35.9 34          | Minimum.  *C. 322, 9 222, 8 24, 2 23, 5 24, 4 25, 9 22, 8 22, 23 22, 8 22, 8 22, 8 22, 8 22, 8 22, 8 22, 4 23, 4 22, 4  | *C. 38.3 34.2 33.5 34.2 34.2 34.6 35.2 34.2 34.6 32.7 34.2 34.6 32.7 32.2 2.1  | Minimum.  °C. 24.6 26.6 26.6 26.4 26.9 26.7 26.1 25.3 26.5 23.4 25.6 23.4 25.6 23.7 22.3 25.7 25.3   | Maximum.  °C. 33,8 32,9 31,1 32,4 32,2 33,9 29,8 34,4 33,8 32,2 32,7 32,5 32,1 31,4 31,5 30,9  | Minimum.  ° C. 28.3 6 22.7 22.2 5.6 6 22.7 22.2 25.6 6 22.9 22.2 6 22.5 23.3 222.6 6 22.5 22.6 6 22.5 22.6 6 22.5 5 22.5 6 22.5 5 22.5 6 22.5 5 22.5 6 22.5 5 22.5 6 22.5 6 22.5 6 22.5  | Caro Maximum.  *C. 31.2 31.8 30.3 31.7 32.2 31.7 31.7 32.3 33.7 32.3 32.9 32.7 31.7 30.5 32.9 30.7  | Mini-<br>mum.<br>°C. 24. 3<br>24. 2 23. 3<br>25. 6<br>25. 5<br>25. 2<br>25. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24.       | Maximum.  *C. 33.2 33.3 32.7 31.9 31.8 32.7 33.3 33.4 31.4 31.4 31.6 33.4 32.9 32.8 32.6 33.7 32.3 32.3 32.3 32.3   | °C. 23. 7 24. 1 23. 9 24. 6 26. 3 25. 5 22. 9 23. 1 25. 1 25. 1 25. 1 25. 24. 3 22. 6 24. 3   | Maximum.  °C. 33.8 33.1 33.5 33.7 33.1 32.8 33.17 32.1 32.9 32.9 31.1 32.3 31.7 32.1 32.3 30.6  | Minimum.  °C. 21. 1. 21. 5. 19. 5. 19. 26. 3. 22. 9. 21. 4. 21. 3. 21. 6. 20. 4. 19. 7. 19. 4. 19. 2. 20. 6. 18. 9. 19. 9. 19. 3. 19. 9. 19. 2. 21. 20. 2. 21. 20. 2 | Maximum.  °C. 31.8 52 31.8 52.9 32.4 31.9 32.4 33.1 32.8 32.9 32.7 32.3 32.3 32.3 30.3 30.3   | Minimum.  °C. 24.7 25.3 26.4 26.9 27.9 27.2 27.7 27 26.9 24.6 23.2 24.1 23.3 22.8 24.2 23.5 24.2 23.5 24.6 23.6 26.6 26.6  | Maximum.  °C. 33.5 33 33.2 32.6 32 32.5 32.5 32.5 32.8 33.2 33.2 33.3 33.2 33.2 33.3 33.2 33.3 33.5  | Minimum.  ° C. 23.65 23.7 23.9 24.24.2 23.8 23.5 24.24.2 23.8 24.24.2 23.8 24.24.2 23.8 24.24.2 23.8 24.25.5 24.2 23.8 24.2 23.2 23.2 23.2 23.2 23.2 23.2 23.2   |
| 26     34.5     23.2     31     28.2     30     23.7     33.8     24.5     31.5     23.4     32     19.4     31     23.8     34     23       27     33.5     22.7     30.5     24.2     32     23.8     31.8     24     29.7     28     32.2     19.8     28.3     23.4     31     23       28     33.6     22.3     34.1     23.6     32.4     24.2     31.7     25.6     31.5     23.3     32.6     19.8     30.9     23.3     33     23.6       29     32.6     23.1     31.6     23.5     33.2     22.5     32.5     24.2     33.1     23.3     32.4     20.3     30.1     24.7     33     23       16     35.4     22.5     31.6     23.2     20.3     24.1     33.2     23.2     31.6     24.4     32.5     20.7     30.3     25.7     33.2     23.4  | 1   | Maximum.  °C. 83.6 1 34.2 34.9 35.4 33.3 35.5 34.5 36.3 36.1 36.1 34.5 34.1 35.9 34          | Minimum.  •C. 322.9 222.8 223.5 224.4 225.2 225.2 221.9 222.8 222.9 222.8 222.9 222.8 222.9 222.8 222.9 222.8 222.9 222.8 222.9 222.8 222.  | Maximum.  *C   | Minimum.  24. 6 25. 6 26. 4 26 9 26. 9 26. 7 28. 1 25. 3 6 23. 4 25 6 24. 2 23. 6 24. 2 23. 6 24. 2 23. 6 24. 2 25. 7 25. 7 25. 7                              | Maximum.  °C. 88, 8 32, 9 31, 1 32, 4 32, 4 32, 4 32, 4 33, 8 32, 4 33, 8 32, 4 33, 8 32, 4 33, 8 32, 4 31, 5 30, 9 32, 1  | Minimum.  ° C. 28.3 22.6 22.7 22.2 25.6 22.8 23.8 22.9 22.1 22.5 22.5 22.5 22.6 22.3 22.6 22.3 22.6 22.3 22.6 22.3   | Caro Maximum.  *C. \$1.2 \$1.8 \$0.3 \$1.7 \$2.2 \$1.7 \$2.2 \$31.7 \$2.3 \$3.2 \$3.7 \$2.7 \$2.3 \$2.3 \$2.9 \$2.7 \$3.7 \$3.7 \$3.7 \$3.7 \$3.7 \$3.7 \$3.7 \$3                               | Mini-<br>mum.<br>°C.<br>24. 3<br>24. 2<br>28. 3<br>25. 6<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 3<br>25. 6<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 3<br>25. 4<br>25. 2<br>25. 2<br>25. 2<br>25. 3<br>25. 4<br>25. 2<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>25. 6<br>26. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6<br>27. 6  | Maximum.  *C. 38.2 33.3 32.7 31.9 31.8 32.7 33.4 31.4 32.9 32.8 33.5 32.6 33.7 32.3 32.1 32.8 32.6 31.8 32.6 31.8   | Minimum.  *C. 23.7 24.1 23.9 24.6 26.3 25.8 24.6 25.5 22.9 23.1 25.1 25.1 22.4 23.9 22.6 24.2 22.5 22.6 24.3 24.6   | Maximum.  *C. 33, 8 33, 1 53, 5 33, 7 33, 1 32, 8 33, 1 32, 8 33, 1 32, 8 32, 9 31, 1 32, 9 31, 1 32, 9 31, 1 32, 9 31, 1 32, 1 32, 1 32, 1 32, 1 32, 1 32, 1 32, 1 32, 1 32, 1 | Minimum.  *C. 21.1 21.5 19.5 19.5 22.9 21.2 21.4 21.3 21.6 20.4 19.7 19.4 19.2 20.6 19.9 19.9 19.2 21.2 20.9   | Maximum.  °C. 31.8 32.8 31.9 32.4 33.9 32.4 33.1 32.8 32.9 32.7 31.8 32.3 32.3 30.3 31.3 32.3   | Minimum.  *C. 24.7 25.3 26.4 26.9 27.8 27.7 26.6 23.2 27.7 26.9 28.5 24.2 24.1 28.3 22.8 24.2 24.1 28.5 28.6 26.2 26.4   | Maximum.  *C. 33.5 33.2 32.32 32.32 32.5 32.5 32.8 32.2 33.4 32.6 33.4 32.8 32.3 33.4 32.8 32.3 33.4 32.8  | Minimum.  ° C. 6. 623.5.7.9.24.8.23.4.8.24.8.24.23.8.24.22.3.8.24.22.3.8.24.22.3.8.24.22.3.8.24.22.3.8.24.22.3.8.24.22.3.8.24.23.23.23.23.23.23.23.23.23.23.23.23.23.  |
| 77  | 1 2 2 3 4 5 6 7 7 5 9 10 11 12 12 13 14 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18                         | Maximum.  °C. 83.6 1 34.2 34.9 35.4 33.3 35.5 34.5 36.3 36.1 36.1 34.5 34.1 35.9 34          | Minimum.  *C. 3 22, 9 22, 8 28, 24, 2 23, 5 24, 4 23, 4 22, 2 23 22, 8 22, 8 22, 8 22, 3 22, 4 22, 4 23, 3 22, 6 4 22, 4 23, 3 22, 6 4 22, 4  | Maximum.  *C. 38.3 34.7 34.2 33.5 33.5 34.6 34.1 34.6 35.2 34.8 34.2 34.6 32.2 34.6 32.2 34.6 32.2 34.6 33.1 34.1  | Minimum.  °C. 626.6 226.6 226.9 226.7 226.1 225.3 226.5 223.4 225.7 223.8 224.2 22.3 7 223.5 7 223.5 7 223.5 7 223.5 7 223.5 23.5 23.5 23.5 23.5 23.5 23.5 23. | Maximum.  °C. 33,8,9 31,1 32,4 32,4 32,4 32,4 32,4 32,4 33,2,4 33,2,4 32,9 32,4 33,2,4 33,1,4 33,1,4 31,1,4 | Minimum.  °C.322.6622.7222.56622.922.8622.523.3222.5622.522.6622.522.6622.522.6622.522.6622.522.6622.2622.522.6622.2622.522.6622.2622.522.6622.2622.5222.6622.262 | Caro Maximum.  *C. 31.2 31.3 30.3 31.7 32.2 31.7 32.7 31.7 32.3 33.2 33.7 32.3 32.9 32.7 30.5 29.2 29.1 30.7 31.9 32.5  | Mini-<br>mum.<br>° C. 24. 3<br>24. 2 28. 3<br>25. 6 25. 7<br>25. 2 25. 5<br>26. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>25. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>26. 5<br>2              | Maximum.  °C. 33.2 33.2 33.2 33.1 33.4 33.4 33.6 33.4 33.6 33.7 32.8 32.7 32.8 32.1 32.8 32.1 32.8 32.1   | Mini-mum.  *C. 23. 7 24. 1 23. 9 24. 6 26. 3 25. 8 24. 6 25. 4 25. 5 22. 9 23. 5 22. 6 24. 3 24. 6 24. 4  | Maximum.  *C. 33.8 33.1 53.5 33.7 33.1 32.8 33.1 32.8 33.1 32.8 33.1 32.8 33.1 32.8 33.1 32.8 33.1 31.6 31.6  | Minimum.  °C.1 21.5 19.5 19.5 26.3 22.9 21.4 21.3 21.6 20.4 19.7 19.4 19.3 19.9 19.3 19.9 19.3 20.6 20.7   | Maxi-mum.  ° C. 31.8  \$2.2  \$1.8  \$2.9  \$2.4  \$3.19  \$2.4  \$3.19  \$2.4  \$3.19  \$2.9  \$2.4  \$3.10  \$3   | Minimum.  *C. 24.7 25.3 26.4 26.9 27.9 27.7 27.7 27.7 26.9 24.6 23.5 24.1 23.3 22.8 24.2 23.5 24.1 23.3 22.8 24.2 23.5 24.1 23.3 22.8 24.2 23.5 24.1 23.3 22.8 24.2 23.5 23.7 23.6 26.2 23.9 23.1 23.3 1                             | Maximum.  ° C. 33.5 33 33.2 32.6 32.6 32.5 32.8 32.2 33.3 33.2 33.4 32.8 32.8 32.8 33.4 32.8 32.8 32.8 32.8 32.8 32.8 32.8 32.8  | Minimum.  *C. 23.65 23.7 24.8 23.4 24.5 23.7 23.4 24.5 23.8 24.5 24.2 23.8 24.5 24.2 23.8 24.3 24.3 23.5 24.3 24.3 25.3 26.3 26.3 26.3 26.3 26.3 26.3 26.3 26  |
| 25.   | 1   | Maximum.  °C. 83.6 1 34.2 34.9 35.4 33.3 35.5 34.5 36.3 36.1 36.1 34.5 34.1 35.9 34          | Minimum.  *C. 22.3 9 22.8 28 23.8 24.4 25.9 24.4 25.2 28 22.8 22.9 22.8 22.9 22.8 22.9 22.8 22.4 22.4 22.4 22.4 22.4 22.4 22.4  | Maximum.  *C. 38.3 34.7 34.2 33.5 33.5 34.1 34.6 35.2 34.1 34.2 34.1 34.2 34.1 34.2 34.1 34.2 34.1 34.2 34.1 34.2 34.1 34.2 34.1 34.2 34.1 34.1 34.1 34.1 34.1   | Minimum.  *C. 24.6 26.6 26.6 26.9 26.9 26.7 26.1 25.3 26.7 25.3 26.2 23.6 23.4 25.6 23.7 25.7 23.8 24.2 22.3 25.7 25.7 25.7 28.5 28.2 28.2                     | Maximum.  °C. 33,8,9 31,1 32,4 32,4 32,4 32,4 32,9 32,4 33,2 32,2 32,7 32,5 30,9 32,1 30,8 30,8  | Minimum.  ° C. 28. 3 22. 6 22. 7 22. 25. 6 24. 9 24. 8 22. 5 22. 5 22. 21. 6 22. 5 22. 22. 4 22. 5 23. 22. 6 22. 4 22. 5 23. 2 22. 4 22. 5 23. 2 22. 4 22. 5 23. 2 22. 4 22. 5 23. 2 22. 4 22. 5 23. 2 22. 4 22. 5 23. 2 22. 4 22. 5 23. 2 22. 4 22. 5 23. 2 22. 4 22. 5 23. 4 23. 5 23. 4 23. 5 23. 4 23. 5 | Caro  Maximum.  *C. 31.2 31.7 32.2 31.7 33.3 32.7 33.7 33.7 33.7 32.3 32.9 32.7 31.7 30.5 29.1 30.7 31.7 33.3 32.9 32.8 33.8 32.9 33.8 33.8 33.8 33.8   | Minimum.  *C. 24.3 24.2 28.3 25.6 25.7 25.2 25.4 25 24.5 24.5 24.5 24.5 24.5 2  | Maxi- mum.  °C. 33.2 33.2 33.2 33.1 33.4 33.4 33.4 33.6 33.4 32.9 32.6 33.3 32.1 32.6 31.8 32.7 31.6 31.8   | Minimum.  ° C   | Maximum.  *C. 33.8 33.1 33.5 33.7 33.1 32.8 33.17 32.9 31.7 32.1 32.8 32.8 30.6 31.7 32.1 31.1 31.6 31.6 31.6   | Minimum.  *C. 21.121.5 19.5 19.26.3 22.9 21.2 21.4 21.3 21.6 20.4 19.7 19.4 19.2 20.6 18.9 19.9 19.3 19.9 19.2 20.7 19.8   | Maximum. °C. 31.8 \$2.81.8 \$1.9 \$2.4 \$31.9 \$2.4 \$3.1 \$32.8 \$32.9 \$2.7 \$2.3 \$32.8 \$31.8 \$31.8 \$31.8 \$31.8 \$31.8   | Minimum.  °C. 24.7 25.3 26.4 26.9 27.8 27.7 26.9 24.6 23.2 24.1 28.3 22.8 24.2 25.4 22.5 23.5 23.6 22 25.4 23.5 23.6 22 25.4 23.5 23.6 22 25.4 23.5 23.6 22 25.4 23.5 23.6 22 25.4 23.5 23.6 23.3 23.8 23.8 23.8 23.8 23.8 23.8 23.8 | Maximum.  *C. 33.5 33.2 32.6 32.32 32.5 32.5 32.5 32.2 33.2 33.2 33.   | Minimum.  ° C. 6. 6. 23. 5. 7. 9. 24. 2. 23. 4. 2. 23. 4. 2. 23. 4. 2. 23. 4. 2. 23. 8. 24. 2. 23. 8. 24. 2. 23. 8. 24. 2. 23. 8. 24. 2. 23. 23. 23. 24. 2. 23. 23. 23. 23. 23. 23. 23. 23. 23.  |
| 35.4 22.5 31.6 23.2 30.3 24.1 33.2 23.2 31.6 24.4 32.5 20.7 30.3 25.7 33.2 23.4 20.3 30.1 24.7 33 23 23 24.1 33.2 23.2 31.6 24.4 32.5 20.7 30.3 25.7 33.2 23.4  | 1   | Maximum.  °C. 83.6 1 34.2 34.9 35.4 33.3 35.5 34.5 36.3 36.1 36.1 34.5 34.1 35.9 34          | Minimum.  *C. 322, 9 22, 8 24, 23, 5 24, 4 25, 2 23, 9 22, 8 22, 9 22, 8 23, 8 24, 8  | *C. 38.3 7 34.2 33. 5 38.6 1 34.2 34.6 35.2 34.6 32.7 34.1 32.2 1 33.1 1 31.4 31.4 31.4 31.5   | Minimum.  °C. 6 26.6 26.6 26.6 26.9 26.7 26.1 25.3 26.5 23.4 25.6 23.4 25.6 23.7 25.7 25.7 25.7 25.7 25.7 25.7 25.7 25   | Maximum.  °C. 33.8.9 31.1 32.4 32.8 33.9 34.9 29.8 34.4 32.9 32.1 33.2.5 32.1 30.8 30.8  | Minimum.  ° C. 28.3 6 22.7 22.2 5.6 6 22.7 22.2 6 22.9 22.6 6 22.5 23.3 22.6 6 22.5 23.3 22.6 6 22.4 22.5 23.2 22.4 23.7 23.8  | Caro Maximum.  *C. 31.2 31.3 31.7 32.2 31.7 31.7 32.3 33.2 32.9 32.7 31.7 30.5 29.2 29.1 30.7 31.9 32.4 33.8 33.8   | Mini- mum.  °C. 24. 3 24. 2 28. 3 25. 6 25. 5 25. 4 25 26. 5 24. 7 24. 5 24. 7 24. 5 24. 7  | Maximum.  *C. 33.2 33.3 32.7 31.9 31.8 32.7 33.3 33.4 33.4 33.6 33.4 33.6 33.7 32.8 32.8 32.8 32.7 31.9 32.8 32.8 32.7 32.9 31.9 31.9 31.9 31.9 31.9  | Mini-mum.  °C. 23. 1 23. 9 24. 6 26. 3 25. 8 24. 6 25. 5 22. 9 23. 1 25. 1 25. 1 25. 1 25. 4 23. 2 22. 5 22. 6 24. 4 23. 2 23. 4 23. 2 23. 4              | Maximum.  °C. 33.8 33.1 33.5 33.7 33.1 32.8 33.1 32.7 30.6 32.9 31.1 32.3 30.2 31.7 32.1 31.3 31.7 32.1 31.6 32.8 30.2 32.2 31.6 32.2 32.2                                      | Minimum.  °C. 21. 5 19. 5 19. 5 21. 2 21. 4 21. 3 21. 6 20. 4 19. 7 19. 4 19. 2 20. 6 18. 9 19. 3 19. 9 2 20. 7 19. 8 19. 8 19. 8 19. 8                              | Maximum.  °C. 31.8  \$2  31.8  \$2.9  \$2.4  \$3.9  \$2.4  \$3.1  \$2.8  \$2.9  \$2.7  \$3.3 | Minimum.  °C. 24.7 25.3 26.4 26.9 27.8 27.7 27.7 27.7 26.9 24.6 23.2 24.1 23.3 22.8 24.1 23.6 24.2 25.4 28.5 26.2 25.4 28.5 26.2 28.7 28.8 28.7 28.8 28.8  | Maximum.  °C. 33.5 33 33.2 32.6 32 32.5 32.5 32.5 32.8 33.2 33.2 33.2 33.3 33.2 33.4 32.8 32.8 33.5 33.4 32.8 33.4 32.8 33.4 32.8 33.4 32.8  | Minimum.  ° C. 23.65 23.7 23.9 24.24.8 23.8 23.4 23.8 24.24.2 23.8 23.8 23.8 23.8 23.8   |
| 30. x 22. 0 31. 0 20. 2 (0.0 24. 1 00. 2 20. 2 31. 0 24. 4 32. 0 20. 1 30. 3 25. 7 35. 2 23. 4  | 1 2 3 4 5 5 5 7 7 5 9 10 11 12 12 13 14 15 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18                      | Maximum.  °C. 83.6 1 34.2 34.9 35.4 33.3 35.5 34.5 36.3 36.1 36.1 34.5 34.1 35.9 34          | Minimum.  •C. 322, 9 222, 8 23, 8 24, 4 25, 9 24, 4 25, 2 22, 9 22, 8 22, 9 22  | Maximum.  *C. 38.3 34.7 34.2 33.5 33.5 34.1 34.2 34.1 34.6 35.2 34.2 34.2 34.2 34.2 34.2 34.2 34.2 34  | Minimum.  *C. 24.6 25.6 26.9 26.9 26.7 25.3 26.5 23.6 23.4 25.6 23.8 24.2 28.6 22.3 25.7 28.5 28.2 24.2 28.6   | Maximum.  *C. 83,8 9 31,1 1 32,4 32,4 32,4 32,4 33,8 32,4 4 32,9 32,4 33,8 32,4 31,5 30,8 30,8 30,8 30,8 32,4 4 31,4 530,9 1 30,8 30,8 30,8 30,8 30,8 32,4 4   | Minimum.  ° C. 28.3 22.6 22.7 22.6 24.8 23.8 22.9 22.1 6 22.5 22.3 22.6 22.5 22.6 22.7 22.6 22.7 22.8 22.8 22.8 22.8 22.8 22.8 22.8  | Caro Maximum.  *C. 31.2 31.8 30.3 31.7 32.2 31.7 32.3 32.3 32.9 32.7 32.3 32.9 32.7 30.5 29.1 30.7 31.7 30.5 29.2 31.7 31.7 31.7 31.7 32.3 32.3 32.9 32.7 31.7 31.7 31.7 31.7 31.7 31.7 31.7 31 | Mini-<br>mum.<br>°C.<br>24. 3<br>24. 3<br>25. 6<br>25. 5<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>26. 2<br>27. 2<br>28. 2<br>29. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20   | Maximum.  *C. 38.2 33.3 32.7 31.9 31.8 32.7 33.4 31.4 32.9 32.8 33.5 32.1 32.8 32.6 33.7 32.3 32.1 32.8 32.6 31.6 31.6 31.5 32.7 31.5   | Minimum.  °C. 23.724.123:9 24.6 26.3 25.8 24.6 25.4 25.5 22.9 23.1 25.1 25.1 25.1 22.6 24.2 22.6 24.3 24.6 24.4 23.4 23.4 23.4                            | Maximum.  *C. 33.8 33.1 33.5 33.1 32.7 33.1 32.7 30.6 31.7 30.6 31.7 32.9 31.13 32.9 31.13 32.13 32.13 32.2 32.1 31.6 31.6 32.2 32.6  | Minimum.  *C. 21.1 21.5 19.5 19.5 26.3 22.1.4 21.3 21.6 20.4 19.7 19.4 19.9 19.9 19.2 20.9 20.7 19.8 19.8  | Maximum.  *C. 31.8 32.9 32.4 33.9 32.4 33.1 32.7 32.7 31.8 32.3 30.3 30.3 31.8 31.8 31.9  | Minimum.  *C. 24.7 25.3 26.4 26.9 27.8 27.7 26.6 28.2 27.7 26.9 28.5 24.2 24.1 28.3 22.8 24.2 24.1 28.3 20.8 28.5 28.7 28.6 28.2 28.5 28.7 28.8 28.8 28.8  | Maximum.  *C. 33.5 33.2 32.6 32.8 32.5 32.5 32.8 32.2 33.4 32.6 33.4 32.8 31.5 32.2 33.4 32.6 33.4 32.8  | Minimum  ° C. 6 6 23.5 9 24 8 24 2 23 4 8 24 5 7 23 4 8 24 2 2 23 8 24 24 2 23 8 24 23 8 24 23 8 23 5 6 23 4 2 23 6 6  |
|   | 1   | Maximum.  °C. 83.6 1 34.2 34.9 35.4 33.3 35.5 34.5 36.3 36.1 36.1 34.5 34.1 35.9 34          | Minimum.  *C. 322, 9 222, 8 24, 2 23, 5 24, 4 25, 2 23, 2 22, 9 22, 8 22, 9 22, 8 22, 9 22, 8 22, 2 23, 4 23, 3 22, 6 22, 4 23, 3 22, 6 22, 4 23, 3 23, 1 23, 3 23  | Maximum.  *C. 38.3 34.7 34.2 33.5 33.5 33.6 34.1 34.6 35.2 34.8 34.2 34.6 32.7 33.5 33.1 34.1 31.4 31.1 31.4 31.1 31.4 31.1  | Minimum.  °C. 6 26.6 26.6 26.9 26.9 26.7 26.1 25.3 26.5 23.4 25.5 6 24.2 22.3 8 24.2 22.3 8 24.2 22.3 8 24.2 22.3 6 23.5 6                                     | Maximum.  °C. 33,8,9 31,1 32,4 32,4 32,4 32,4 33,2,4 33,2,4 33,2,7 32,5 32,1 30,9 32,1 30,9 32,1 30,8 30,8 30,8  | Minimum.  ° C  | Caro  Maximum.  *C. 31.2 30.3 31.7 32.2 31.7 31.7 33.3 33.2 7 27.7 33.3 32.9 32.9 31.7 30.5 29.2 29.1 30.7 31.9 32.5 33.4 33.8 31.8 31.8  | Mini- mum.  ° C. 24. 3 24. 2 28. 3 25. 6 25. 7 25. 2 25. 4 25. 24. 5 24. 5 24. 5 24. 5 24. 5 24. 5 24. 7 24. 5 24. 7 24. 5 24. 6 24. 7 24. 5 24. 7 24. 5  | Maxi- mum.  °C. 33. 2 33. 3 33. 2 33. 3 33. 4 31. 9 32. 8 32. 6 33. 7 32. 3 32. 8 32. 6 31. 8 32. 7 32. 8 32. 7 32. 8 32. 8 32. 7 32. 8 32. 8 32. 7 32. 8 32. 8 32. 7 32. 8 32. 8 32. 7 32. 8 32. 8 32. 7 32. 8 32. 8 32. 7 32. 8 32. 8 32. 7 32. 8 32. 8 32. 8 32. 8 32. 7 32. 8 | Mini-mum.  C. 23. 7 24. 1 23. 9 24. 6 26. 3 25. 8 24. 6 25. 4 25. 5 22. 9 22. 5 22. 6 24. 3 24. 4 23. 2 22. 3 4 23. 2 23. 3 23. 3 23. 3 23. 3 23. 3 23. 3 | Maximum.  *C. 33.8 1 83.5 83.7 83.1 82.7 83.6 83.1 82.7 83.6 83.1 82.1 83.1 82.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83  | Minimum.  ° C. 21.1 21.5 19.5 19.5 26.3 22.9 21.4 21.3 21.6 20.4 19.7 19.4 19.9 19.9 19.9 22.0 20.7 19.8 19.8 19.8 19.8 20.3   | Maxi-mum.  ° C. 31.8  \$2.31.8  \$1.9  \$2.4  \$3.19  \$2.4  \$3.19  \$2.4  \$3.11  \$3.2.9  \$2.9  | Minimum.  ° C 24. 7. 25. 3 26. 4 26. 9 27. 8 27. 7 27 27 27. 7 26. 9 24. 6 23. 2 24. 1 23. 3 22. 8 24. 24. 23. 5 23. 4 23. 3 22. 8 23. 4 23. 3 24. 7 23. 4 23. 3 24. 7   | Maximum.  *C. 33.5 33 33.2 32.6 32.5 32.5 32.5 32.2 33.3 33.2 33.3 33.2 33.3 33.2 33.3 33.3 33.3 33.4 32.8 32.8 33.5 33.1 33.3 34.3 32.8 33.3 33.3 34.3 33.3 33.3 33.3 33.3 33   | Minimum.  ° C. 6 23.5 5 23.7 9 24.2 23.4 23.4 23.4 23.4 23.5 5 24.2 23.4 23.5 5 24.2 23.5 6 23.6 6 2 |

Maximum and minimum temperatures at the stations of the Weather Bureau, September, 1918.—Cont.

| Day. | Ce   | bu.  | Ilo  | ilo.  | San<br>Buens  | Jose<br>wista.  | Cu   | yo.  | Orr  | noc.   | Gui   | uan.   | Tacl   | ob <b>a</b> n.  | Ca   | piz.  |
|------|--|--|--|---|---|---|--|--|--|--|---|--|--|---|--|---|
| DEY. | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Min   |
| 1    | 30.6<br>31.8<br>30.4<br>31.8<br>30.3<br>30.3<br>30.5<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.4<br>30.8<br>31.3<br>30.8<br>31.3<br>30.8<br>31.3<br>30.8<br>31.3<br>31.3<br>31.3<br>31.3<br>31.3<br>31.3<br>31.3<br>31 | °C. 23. 2 25. 8 26. 5 27. 3 28. 7 26. 5 25. 6 25 | *C. 30 30.2 30.7 30.6 28.8 30.0 30.2 30.6 30.8 30.8 30.9 31.5 30.7 31 31.1 30.4 30.4 30.7 31.8 31.8 31.8 31.8 31.8 31.8  | *C. 724.7 24.9 25.5 5 223.5 225.8 4 24.2 22.3 3 25.9 24.8 23.6 22.2 23.6 22.2 23.6 22.2 23.6 24.6 24.2 23.6 24.8 24.8 24.8 24.8 24.8 24.8 24.8 24.8 | *C. 30.2 31.6 30.5 31.5 32.6 30.3 31.3 31.7 32.3 32.6 32.7 32.7 32.3 32.6 32.7 32.7 32.7 32.7 32.7 32.7 32.7 32.7                       | *C. 32.3 21.5 1 24.9 27.4 9 22.9 22.8 23.7 24.6 23.1 1 23.2 22.5 22.8 22.7 22.8 22.7 22.8 22.7 22.8 22.6 23.6 23.6 23.6 23.6 23.6 23.6 23.6   | °C. 29. 1 29. 7 29. 4 30. 2 30. 1 29. 2 29. 8 29. 3 28. 9 29. 7 29. 8 30. 4 30. 6 30. 3 31. 2 32. 6 31. 3 31. 3 31. 9 31. 9 32. 1  | °C. 23.8 23.7 24.5 27.2 25.3 24.3 24.7 24.2 23.8 24.9 25.1 27.1 24.4 25.1 24.4 25.1 24.4 25.1 24.5 25.4 24.5 25.4 24.5 25.4 24.6 25.1 23.9 24.8 24.9 24.7 25.7 25.7 25.7 24.4                      | °C. 32.6 33.1 2 33. 32 2 31.9 33.6 32.2 33.8 32.2 33.8 32.7 33.2 33.8 33.6 31.7 32.5 33.6 31.7 33.1 1 32.5 33.6 31.7 33.1 1 32.5 33.6 31.7 33.1 1 32.5 33.6 31.7 33.7 33.1 1 32.5 33.6 31.7 33.7 33.7 33.7 33.7 33.7 33.7 33.7   | °C. 23. 1 23 24 24 1 27. 8 28. 1 27. 6 26. 4 22. 2 22. 8 22. 8 22. 2 22. 2 22. 4 22. 2 22. 4 23. 4 22. 2 22. 4 23. 5 23. 4 24. 6 25. | *C. 31. 7 31. 6 31. 9 31. 2 31. 7 32. 5 32. 1 32. 5 32. 1 32. 5 32. 5 32. 1 32. 5 32. 5 32. 1 32. 8 31. 4 32. 8 32. 5 32. 9 32. 4 32. 9 32. 4 | °C. 24.7 28.8 27.2 27.5 28.8 27.8 27.8 27.8 27.6 27.5 26.6 27.5 22.4 6 24.6 24.2 22.2 24.8 24.2 22.2 24.8 24.2 22.2 22   | °C. 33.8 33.1 32.4 35.4 36.5 34.9 34.9 34.9 34.9 34.9 34.9 34.9 34.1 34.6 38.5 38.2 38.3 38.5 38.6 38.7 38.7 | °C. 9 22. 9 23. 8 24 25 24. 5 28. 9 24. 5 22. 4 24. 4 24. 4 24. 4 | *C. 31.8 33 34.4 34.4 34.4 32.8 32.8 32.8 32.8 32.8 32.8 32.8 32.8   | · C 22. 22. 22. 23. 23. 23. 23. 24. 24. 24. 25. 23. 23. 23. 24. 24. 24. 24. 24. 24. 24. 24. 24. 24  |
| Mean | 80.9   | 25. 1  | 80.6   | 24.2<br>logan.  | 81.4  | 23. 2   | 80.8   | 24. 7<br>bate.   | 82.9   | 23. 9<br>blon.   | 82.1  | 25. 4  | 83.6   | 28.6  | 82.5   | 23. 7   |
| Day. | Maxi-  | Mini-  | Maxi-  | Mini-   | Maxi-   | Mini-<br>mum.   | Maxi-  | Mini-  | Maxi-  | Mini-  | Maxi-   | Mini-  | Maxi-  | Mini-   | Maxi-  | Mini<br>mun   |
| 1    | 33, 6<br>34, 7<br>34, 8<br>34, 9<br>34, 2<br>34, 3<br>34, 3<br>34, 3<br>35, 3<br>35, 3<br>35, 5<br>36, 2<br>32, 2<br>32, 2   | *C. 23.7 22.6 24.5 24.5 25.4 22.5 25.4 22.1 5 22.8 22.8 22.8 22.2 22.2 22.5 22.2 22.2  | *C. 31. 6 31. 5 31. 2 32. 2 32. 7 31. 8 32. 3 32. 3 32. 3 32. 4 31. 6 32 4 31. 6 32. 6 31. 1 30. 7 31. 5 30. 2 31. 7 31. | *C. 24.9 27.2 26.8 27.2 26.8 27.2 26.9 26.9 24.9 26.8 26.8 26.8 26.8 26.8 26.8 27.6 28.6 28.6 28.6 28.6 28.6 28.6 28.6 28                           | *C. 30 29.9 30 29.2 30,1 28.8 29.2 299.4 299.6 31 31.4 30.4 29.9 30 30 49.8 30.4 29.9 29.1 29.9 30.8 30.8 30.8 30.8 30.8 30.8 30.8 30.8 | *C. 26. 1 25. 2 26. 7 24. 5 27. 4 26. 6 26. 4 27. 25. 6 24. 1 23. 4 24. 9 23. 7 22. 3 23. 7 22. 23. 7 22. 23. 1 23. 1 23. 2 23. 3 23. 1 24. 1 | *C. 31.6 31.6 31.6 31.6 31.8 32.4 30.8 31.4 32.8 32.4 32.6 31.8 31.4 32.6 31.8 31.4 32.6 31.8 31.4 32.5 32.4 32.5 32.4 32.6 31.8 31.8 31.4 32.8 32.8 32.8 32.8 32.8 32.8 32.8 32.8 | °C. 44. 2<br>25. 2 26. 6<br>25. 8 26. 8<br>26. 8 26. 8<br>26. 2 24. 6<br>25. 5 2<br>24. 2 24. 5<br>24. 2 24. 2<br>24. 2 25. 2<br>25. 6<br>26. 2 24. 2<br>24. 2 25. 2<br>24. 2 25. 2<br>26. 2 26. 2 | °C. 32. 4 33. 5 29. 5 29. 3 29. 3 29. 3 29. 3 29. 3 29. 3 29. 3 29. 3 29. 3 29. 3 29. 5 29 | °C. 24. 5 22. 8 24. 2 24. 2 24. 2 25. 4 26. 4 25. 4 7 25. 2 22. 7 25. 2 24. 7 25. 2 24. 7 25. 2 24. 7 25. 2 24. 7 25. 2 24. 7 25. 2 24. 7 25. 2 24. 8 24. 7 25. 2 24. 8 24. 8 25. 4 25. 8 25. 8 25. 8 25. 8  | *C. 31. 4 29 29.3 38 82. 5 32. 2 32. 3 32. 9 32. 9 32. 8 22. 8 22. 9 29. 2 2 31. 4 32. 5 31. 4 32. 6 32. 8 31. 6 31. 6                        | °C. 23. 4 24. 6 25. 1 25. 6 24. 5 24. 8 24. 8 23. 6 23. 2 24. 8 24. 8 23. 2 24. 8 24. 8 24. 6 25. 4 25. 2 25. 7 25. 2 25. 7 24. 7 24. 7 25 | *C. 30, 8 30, 5 28, 37 28, 1 29, 5 28, 7 30, 8 31, 8 31, 8 31, 8 31, 8 32, 5 32, 8 32, 9 32, 7 31, 8         | *C. 23. 8 24 25 23 23 23. 5 24. 8 24 25. 8 257 24. 8 20 20 22. 4 22. 2 22. 87 23. 22. 87 23. 22. 22. 22. 22. 22. 22. 22. 22. 22.  | *C. 31.9 32.4 80.8 22.8 22.8 22.9 31.1 31.3 31.6 32.9 32.2 8 33.2 8 33.2 8 33.2 8 32.2 | °C.23.524.4<br>223.524.4<br>225.9<br>224.4<br>225.1<br>225.9<br>225.4<br>226.9<br>227.7<br>228.4<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>221.8<br>22 |

## Maximum and minimum temperatures at the stations of the Weather Bureau, September, 1918—Cont.

| saga tan sada gara<br>Sada tan           |   | nay,<br>am. *  | Cals   | apan.  | Vi   | rac.   | N  | aga.   | Tig  | aon.   | Bata  | ngas.   | Luc   | ena.   | Atin  | onan   |
|--|---|--|--|--|--|--|--|--|--|--|---|---|---|--|---|--|
| Day.                                     | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  |  | Maxi-<br>mum.  |  |  | Mini-<br>mum.  | Maxi-<br>mum.  |  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Min  |
| 12<br>23<br>84<br>45<br>66               | 80<br>80<br>80<br>29.4                                | °C.<br>24.4<br>24.2<br>24.2<br>24<br>24<br>24<br>24<br>24<br>24.6                      | °C.<br>31.5<br>33<br>31.5<br>28<br>27.5<br>29.5                            | °C.<br>23<br>23.4<br>23<br>23.5<br>23.5<br>22.6  | *C.<br>33.6<br>34<br>32.2<br>29.7<br>28.5<br>30.5<br>82.2                                  | *C.<br>21.5<br>21.7<br>22.8<br>23<br>22.7<br>22.2<br>22.4                              | *C. 32.7 83.2 32.9 28.5 28 81.7 82.1   | *C.<br>20.9<br>21.4<br>22.2<br>21.9<br>21.5  | °C.<br>31.7<br>82.8<br>80.6<br>29.3<br>28.5<br>80.8                      | *C.<br>21. 9<br>22. 9<br>22. 3<br>23. 2<br>23. 2<br>22. 4<br>23. 9                           | °C.<br>31.6<br>27.8<br>26.7<br>26.8<br>29.1<br>31.2   | °C.   | *C.<br>80.5<br>81.7<br>28.2<br>26.5<br>25.8<br>29.7<br>81.7                                     | °C.<br>28. 9<br>24. 4<br>25. 1<br>24. 4<br>22. 5<br>22. 8<br>23. 1               | *C.<br>32<br>81.7<br>81.2<br>27.1<br>26.1<br>30.7<br>81.5                           | 28.<br>22.<br>23.<br>23.<br>23.<br>23.                           |
| 3<br>0<br>1<br>1<br>2<br>2<br>3          | 80. 2<br>80. 6<br>80. 6<br>29. 2<br>80. 2             | 24<br>25<br>24.4<br>26<br>28<br>28.6<br>24.4<br>25.4                                   | 31<br>32, 2<br>32, 6<br>33, 1<br>32, 1                                     | 21<br>22.1<br>22.6<br>22<br>23<br>22.9   | 32. 7<br>33. 5<br>33. 5<br>32. 5<br>34. 1<br>34<br>33. 8                                   | 22.6<br>22.8<br>23.1<br>22.8<br>21.5<br>21.6   | 32.5<br>32.5<br>32.5<br>81.5<br>82.7<br>83.5<br>82.8<br>33.6                           | 22. 5<br>23<br>22. 8<br>23. 8<br>23. 1<br>22. 3<br>22. 1<br>22. 2                      | 80. 5<br>80. 9<br>80. 7<br>80. 3<br>80. 2?<br>80. 4?<br>81. 6            | 24. 4<br>24. 7<br>25<br>28. 4<br>24. 6   | 30. 9<br>30. 8<br>30. 7<br>28. 5<br>30. 6<br>31. 6<br>31. 8                                     |   | 29. 4<br>81. 7  | 24.5<br>25.4<br>25.8<br>28.4<br>24.4<br>24<br>22.7<br>28                         | 31.7<br>82.8<br>82.8<br>80.4<br>80.6<br>82<br>82.5<br>81.2                          | 25<br>26<br>25.<br>25.<br>25.<br>24.<br>23.<br>23.               |
| 6<br>7                                   |   |  | 32. 5<br>32. 6   | 22. 9<br>23<br>22. 5<br>22. 1<br>23<br>23<br>22<br>22. 5   | 34<br>33<br>33.5<br>35<br>34.4<br>34.5<br>84.5   | 21. 6<br>21. 5<br>21. 5<br>22<br>22<br>21. 5<br>21. 8                                  | 82. 4<br>83. 4<br>83. 7<br>84. 5<br>83. 1<br>83. 6<br>34. 4                            | 21.9<br>21.3<br>21.5<br>22.2<br>21.1<br>21<br>20.7                                     | 31.5<br>32.6<br>32.2<br>32.2<br>31.6<br>32.6<br>33.4                     | 21. 9<br>22. 4<br>22 2<br>22. 3<br>22. 1<br>20<br>20. 4                                      | 30.6<br>32<br>32<br>30.6<br>31.5<br>31.4<br>31.6  |   | 81. 8<br>81. 9<br>81. 5<br>82<br>82. 4<br>81<br>81  | 23.5<br>23<br>22.6<br>22.1<br>23.8<br>22.2<br>21.8                               | 31. 6<br>32. 4<br>32. 6<br>32. 4<br>31. 9<br>31. 9<br>32. 9                         | 23.<br>23.<br>22.<br>23.<br>23.<br>23.                           |
| 8. 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 |   |  | 33<br>32. 5<br>32. 6<br>82<br>33<br>33. 1<br>82. 5<br>32. 7                | 22. 5<br>22. 5<br>22. 9<br>23<br>23<br>24<br>24<br>22. 5<br>23. 6  | 36<br>82.7<br>33.2<br>82.6<br>83.7<br>84.2<br>82.8<br>80.8                                 | 21<br>22. 3<br>21. 9<br>21. 6<br>21. 3<br>21. 2<br>22. 3                               | 84. 2<br>88. 1<br>84. 4<br>83. 2<br>83. 4<br>32. 9<br>81. 6<br>81. 6                   | 20.8<br>20.6?<br>20.8<br>21.7<br>20.3?<br>22.2<br>22.1<br>21.4                         | 32. 8<br>82. 1<br>31. 8<br>32<br>83<br>32. 6<br>32. 1<br>30. 4           | 20.5<br>20.6<br>20.5<br>21.1<br>21<br>23.2<br>23.2<br>22.5                                   | 81. 5<br>81. 9  |   | 80.8<br>81.4<br>81.5<br>81<br>80.5<br>81.1<br>28.8<br>29.5                                      | 22. 6<br>22. 2<br>22. 9<br>23. 8<br>23. 4<br>24. 2<br>22. 4                      | 82 7<br>81.6<br>80.6<br>80.1<br>80.1<br>80.2<br>82.1<br>81.2                        | 23.<br>24<br>23.<br>23.<br>25.<br>27<br>24.                      |
| Mean                                     |   | !  | 81.8   | 22.8   | 83.2   | 22   | 32.7   | 21.8   | 81.4   | 22.6   | 30. 9   |   | 30. 5   | 23.4   | 81.8  | 24   |
| 2  | Ambi  | olong,<br>luan.  | Canlu<br>Cala  |  | Para   | cale.  |  | Cruz,<br>una.  | Mai  | nila.  | Anti  | polo.   | n   | )B.  | San I   | sidro  |
| Day.                                     | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Min  |
|  | 26. 2<br>26. 3<br>26<br>29. 1<br>30. 3<br>28<br>28. 7 | •C. 22.9 24.5 24.5 28.2 23.4 24.1 8 25.2 25.4 24.7 25.2 24.7                           | *C. 81,6 82 26,8 27,2 28,2 32,4 29,4 82 82,1 30,6 31                       | • C. 67 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | *C. 32.2 32.2 31.6 29 27.3 31.6 34 32.6 84 33 32.8 32.8 33.8                               | °C.<br>23<br>24<br>24.4<br>25<br>24<br>25.5<br>25.5<br>25.6<br>24.6                    | *C. 429.2 27.9 27.1 30.1 32.6 29.8 31.5 30.9 31.1 32.1                                 | • C. 23. 2 23. 8 24 28 1 23 2 23. 9 24. 4 24. 1 24 1                                   | *C. 31. 1 30. 2 27. 3 28. 1 26. 5 29. 7 31 29. 6 30. 6 30. 6 30. 6 30. 9 | •C. 23 9 24.4 25.5 5 25.5 5 24.8 25  | *C. 80.5 29.5 29.5 25.7 9 80.5 8 29.9 29.2 28.8 29.8  | *C. 21 25 6 9 3 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2                             | °C.<br>26<br>28.8<br>27.4<br>28.4<br>29<br>30.3<br>30.8<br>30.5<br>30.9<br>31.3<br>28.1<br>28.4 | *C. 22:5 22:5 22:5 22:5 22:5 22:5 22:5 22:                                       | *C. 29.8 30.8 30.1 28.5 28.4 29.7 31.1 31.4 31.5 30.1 31.1                          | 23<br>28<br>24.<br>24.<br>23.<br>23.<br>24.<br>23.<br>24.<br>24. |
|  | 29.6<br>30.3<br>29.6<br>31.9                          | 23. 7<br>23. 1<br>23. 9<br>23. 8<br>23. 5<br>23. 2<br>23. 5<br>23. 3<br>22. 8<br>23. 6 | 32. 2<br>31. 6<br>31. 8<br>30. 6<br>30<br>32. 2<br>32. 3<br>32. 4<br>31. 8 | 22 . 3<br>22 . 4<br>22 . 2<br>22 . 8<br>22 . 4<br>21 . 4<br>22 . 1<br>22 . 1<br>22 . 1<br>22 . 1<br>23 . 1 | 34. 9<br>33. 31. 8<br>32. 2<br>32. 6<br>32. 2<br>30. 4<br>30. 8<br>31. 5<br>30. 9<br>31. 3 | 24. 3<br>24. 3<br>24. 3<br>28. 5<br>24. 3<br>24. 3<br>24. 3<br>23. 8<br>23. 5<br>23. 5 | 32. 3<br>81. 9<br>30. 9<br>31. 8<br>32. 6<br>82. 1<br>83. 1<br>82. 7<br>83. 2<br>32. 9 | 23. 1<br>23. 6<br>23. 5<br>23. 3<br>23. 1<br>23. 5<br>23. 2<br>23. 8<br>23. 2<br>23. 9 | 30.4<br>30.1<br>29.6<br>30.8<br>30.6<br>30.7<br>31.3<br>81.1<br>31.5     | 24<br>28. 4<br>23. 7<br>24. 2<br>24. 3<br>23. 5<br>23. 6<br>23. 3<br>23. 4<br>28. 7<br>24. 1 | 28. 7<br>29. 3<br>28. 8<br>80. 6<br>80. 8<br>81. 1<br>81. 1<br>81. 6<br>81. 7<br>82. 5<br>82. 2 | 22. 9<br>21. 5<br>21. 6<br>21. 5<br>22. 2<br>21. 9<br>21. 8<br>21. 8<br>22. 23. 2 | 29, 3<br>29, 1<br>28, 6<br>30, 4<br>30, 5<br>30, 9<br>30, 9<br>30, 9<br>31, 8<br>31, 5          | 23<br>21.8<br>21.6<br>22.2<br>23<br>22.4<br>22.2<br>22.1<br>21.5<br>22.2<br>22.7 | 80. 6<br>80. 5<br>80. 1<br>81. 1<br>81. 8<br>81. 7<br>81. 6<br>81. 9<br>82<br>82. 6 | 24<br>28.<br>22.<br>22.<br>23.<br>23.<br>24.<br>24.<br>24.       |
|  | 31.3<br>31.2<br>30.7<br>32.3                          | 24<br>23.6<br>23.2<br>23.8   | 31.2<br>32.2<br>31.8<br>32.8   | 22. 3<br>22. 4<br>23. 2  | 30.9<br>31<br>30.8   | 23. 9<br>24. 2<br>24. 7  | 31. 9<br>31. 3<br>32   | 23. 9<br>23. 7<br>23. 8  | 32.3<br>31.7<br>31.8   | 24, 1<br>23, 8<br>23, 8  | 32.3<br>32.2<br>31.8  | 23.1<br>22<br>22.2  | 31<br>81.7<br>32.1  | 23.9<br>22.8<br>22.1   | 32. 1<br>31. 6<br>32. 8   | 23.<br>23.<br>28.  |

<sup>&</sup>lt;sup>a</sup> The observations of this station from September 16 to October 15 were lost with the wreck of the Dumaru.

Maximum and minimum temperatures at the stations of the Weather Bureau, September, 1918-Cont.

|      | Tar   | lac.   | Ва  | ler.  | Dagu  | ıp <b>a</b> n.   | Boli  | nao.   | Bag   | uio.   |  | rnando,<br>ion.  | Ech   | agüe.  |
|------|---|--|---|---|---|--|---|--|---|--|--|--|---|--|
| Day. | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Min  |
| 1    | \$1.5<br>  31.6<br>  31.6<br>  31.8<br>  33.2<br>  33.5<br>  34.2<br>  34.5<br>  35.5<br>  35.5<br>  35.5<br>  36.6 | °C. 23.6 28.4 28.6 24.2 23.8 23.4 21 23.4 24.1 23.3 24.1 23.7 23.7 23.7 23.7 23.7 23.5 24.2 23.4 24.3 24.3 24.3 24.3 24.3 24.3 | 'C. 33 34.5 33.6 31.3 32.3 33.2 34.3 33.9 33.7 33.9 34.7 32.3 31.7 32.2 32.5 32.9 32.3 31.1 32.9 32.7 32.7    | °C. 24. 1 24. 2 28. 6 23. 4 28. 8 25. 2 25. 6 25. 9 25. 9 25. 7 25. 5 24. 9 23. 2 22. 2 21. 8 22. 2 21. 8 22. 2 21. 8 22. 2 21. 8 22. 2 22. 2 22. 2 23. 3 | °C. 31.5 32 30.3 31.6 31.5 29.2 31.2 30 31.7 31.2 30.5 30.3 31.6 31.8 32.8 32.9 32.4 32.8 33.4 33.6 33.6 33.6 33.6 33.3 | °C. 23.8 23.6 24.4 23.6 24.2 23.9 25.8 24.7 24.6 24.4 23.2 23.7 24.5 24.3 24.4 23.2 23.7 24.5 24.4 23.9 24.5 24.5 24.8 | °C.<br>31. 4<br>31. 5<br>30. 1<br>30. 8<br>30. 7<br>30. 8<br>30. 7<br>31. 1<br>30. 9<br>27<br>30. 6<br>29. 8<br>32. 2<br>31. 2<br>31. 1<br>30. 9<br>31. 1<br>30. 9<br>31. 1<br>30. 9<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 1<br>31. 2  | °C. 23.5 23 24.2 24.2 24.7 24.7 24.9 26.9 24.1 24.2 22.9 22.8 23.7 23.5 23.8 23.7 23.5 24.6 23.2 24.6 23.2 24.6 23.2 24.6  | °C. 22.2 22.7 22.7 22.8 21.5 20 20.9 17.4 18.8 19.1 18.5 18.4 17.8 21.2 20.7 20.9 23.4 22.6 22.4 23.8 24.9 23.4 23.8 23.4 23.8  | °C. 15.5 15.4 15.7 16.1 15.5 16.3 15.8 15 15.7 16.4 15.7 16.2 14.2 14.7 15.1 15.1 15.1 15.1 15.3 15.9 15.4 15.5 16.3 15.7 16.2 16.6 16.1   | °C. 31.3 32.5 31.9 31.5 32.3 32.6 31.5 31.7 31.4 28.4 31.9 32.5 31.7 31.5 32.5 32.5 32.6 32.7                  | °C. 23. 2 23. 9 24. 5 25. 22. 8 23. 8 23. 8 23. 6 24. 5 22. 5 22. 5 23. 4 23. 2 23. 6 23. 2 23. 6 24. 3 25 22. 5 22. 5 22. 6 23. 4 23. 6 23. 4 23. 6 23. 4 23. 6 23. 5 22. 6 23. 4 23. 6 23. 5 22. 6 23. 4 23. 6 23. 5 22. 6 23. 5 22. 6 23. 5 23. 6 23. 6 24. 6 25. 6 25. 6 26. 6 26. 6 26. 6 27. 6 27. 6 28. 6 28. 6 2 | °C. 32. 6 32. 6 32. 6 32. 6 32. 6 32. 6 34. 5 34 35 34 6 33. 5 32. 6 34 33. 5 32. 6 34 33. 5 32. 6 34 33. 5 32. 6 34 33. 5 33. 5 32 32. 7 33. 5 34 32. 5 32 32. 7 33. 5 34 32. 5 32 32. 7 33. 5 34 32. 5 32 32. 7 33. 5 34 32. 5 32 32. 7 33. 5 34 32. 5 32 32. 7 33. 8 | oC 23. 1. 23. 23. 23. 23. 22. 22. 23. 23. 23. 23   |
|      |   |  | Can   | don.  | Vig   | gan.   | Tugue   | garao.   | Lac   | ag.  | Ap   | arri.  |   | pe<br>ador.  |
| Day. |   |  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   |  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Min  |
| 1    |   |  | 31. 7<br>32<br>31. 8<br>31. 5<br>31. 31<br>30<br>29<br>31. 30. 5<br>30. 8<br>31. 8<br>31. 8<br>31. 8<br>31. 8 | °C. 24.9 25.5 25.4 23.8 25.5 26.2 26.5 25.5 25.6 26.4 24.8 24.8 24.8 24.5 25.6 24.7 25.4  | °C. 30.1 30.5 29.8 30.7 31.5 30.3 31.9 31.6 31.4 29.6 26.5 26.1 30.2 30.4 30.7 31 30.7 31 31.4 32.3 32.5 33.5           | °C. 23.8 23.9 23.4 23.3 6 24.2 24.6 24.5 2 25.5 225.5 223.5 23.5 23.5 23.5 23.   | °C.<br>31. 9<br>34<br>33. 8<br>34. 7<br>33<br>33. 2<br>36. 6<br>36. 2<br>35. 4<br>36<br>32<br>32. 6<br>32. 35<br>32. 6<br>33. 8<br>32. 35<br>32. 6<br>33. 8<br>32. 35<br>32. 6<br>33. 8<br>32. 35<br>32. 6<br>33. 8<br>32. 6<br>33. 8<br>32. 6<br>33. 8<br>33. 8<br>32. 8<br>33. 8<br>33. 8<br>34. 6<br>35. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. 8<br>36. | °C. 24 23, 4 24 24, 6 23, 1 22, 5 24, 6 23, 2 24, 5 24, 5 24, 5 24, 5 24, 5 24, 5 24, 6 25, 1 23, 2 22, 8 23, 4 24, 6 23, 2 24, 2 25 | °C. 29. 9 31. 2 31 32. 4 29. 2 31. 31. 1 31. 1 31. 3 31. 6 28. 6 28. 8 27 30. 2 31. 2 31. 2 31. 2 31. 2 31. 2 31. 2 31. 2 31. 2 31. 2 31. 2 31. 2 31. 2 31. 2 31. 2 31. 2 | °C. 22. 2 23 23. 1 22. 1 22. 2 24 24 24. 23. 9 23. 5 22. 8 22. 8 22. 9 22. 5 22. 9 22. 5 22. 9 22. 5 22. 9 22. 5 22. 9 22. 5 22. 9 22. 5 22. 9 22. 8 22. 9 22. 9 22. 8 22. 9 2 | °C. 29.8 31.30.8 31.7 31.2 31.3 31.8 34.6 32.8 34.2? 31.5 35.5 35.5 32.3 30.5 30.5 30.5 30.5 30.5 30.5 30.5 30 | °C. 24.3 24.6 24.3 24.2 25.7 25.2 23.5 24.3 24.9 24.5 24.6 24.6 24.3 23.8 23.9 23.1 23.9 23.1 23.4 23.2 23.7   | °C. 30 30, 1 29, 5 30, 4 29, 7 29, 5 29 29, 5 29, 8 29, 5 29, 2 27 26, 8 29, 2 27, 8 29, 2 29, 7 30, 7 31, 8 30, 6 30, 8 30, 5  | °CC 23.1. 23.2. 24.4. 24.4. 25.4. 23.2. 23.2. 23.2. 24.4. 22.2. 23.2. 23.2. 24.4. 22.2. 23 |

## SEISMOLOGICAL BULLETIN FOR SEPTEMBER, 1918.

By Rev. MIGUEL SADERRA MASÓ, S. J.,
Chief, Seismic and Magnetic Divisions, Weather Bureau.

## EARTHQUAKES FELT IN THE PHILIPPINES.1

- 1, 20<sup>h</sup> 01<sup>m</sup> 24<sup>s\*</sup> [2, 4<sup>h</sup> 01<sup>m</sup> 24<sup>s</sup>]. S Mindanao. Earthquake of intensity V-VI, originated in the Celebes Sea, felt through the southern part of the island, principally in the districts of Cotabato and Dayao.
- 4,  $17^h$   $20^m$   $18^{s*}$  [5,  $1^h$   $20^m$   $18^s$ ]. **S** Mindanao. Earthquake of intensity IV-V, originated in the Celebes Sea and felt over the greatest portion of the island. On the 5th it repeated with less intensity at  $2^h$   $55^m$  [ $10^h$   $55^m$ ] and again with intensity IV at  $7^h$   $07^m$   $57^{s*}$  [ $15^h$   $07^m$   $57^s$ ].
- 6,  $3^h$   $16^m$   $57^{s*}$  [6,  $11^h$   $16^m$   $57^s$ ] Baguio (W Luzon). Earthquake of intensity III: origin S of the Benguet Province.
- 8, 2<sup>h</sup> 38<sup>m</sup> 43<sup>s\*</sup> [8, 10<sup>h</sup> 38<sup>m</sup> 43<sup>s</sup>]. W Luzon. Oscillatory earthquake, direction W-E, intensity III-IV, felt in the provinces of Pangasinan, La Union, Bontoc and Benguet: origin in the China Sea.
- 11, 4<sup>h</sup> 08<sup>m</sup> 39<sup>s\*</sup> [11, 12<sup>h</sup> 08<sup>m</sup> 39<sup>s</sup>]. Central Mindanao. Earthquake of intensity IV felt in the provinces of Cagayan, Lanao, Cotabato, Bukidnon, Agusan and Davao. It probably originated SE of Lanao Lake. Recorded at Taihoku, Formosa.
- 15, 13<sup>h</sup> 31<sup>m</sup> [15, 21<sup>h</sup> 31<sup>m</sup>]. Butuan [N Mindanao]. Earthquake shocks of intensity III, duration 10 seconds.
- 17,  $4^h$   $30^m$  [17,  $12^h$   $30^m$ ]. Butuan (N Mindanao). Oscillatory earthquake, direction ESE-WNW, intensity IV, duration 12 seconds. After shock of intensity II-III at  $10^h$   $41^m$  [18h  $41^m$ ].
- 24,  $6^h$   $38^m$   $42^{s*}$  [24,  $14^h$   $38^m$   $42^s$ ]. Iba (W Luzon). Earthquake shock of intensity III.
- 26,  $6^h$   $15^m$  [26,  $14^h$   $15^m$ ]. Ambos Camarines (SE Luzon). Earthquake of intensity III felt in the region circling mount Isarog.
- 27, 18<sup>h</sup> 10<sup>m</sup> [28, 2<sup>h</sup> 10<sup>m</sup>]. Legaspi (SE Luzon). Oscillatory earthquake, direction NW-SE, intensity III, duration 12 seconds.

## EARTHQUAKES OF BATANES ISLANDS, SEPTEMBER 13, 1918.

On the 13th of September at 6<sup>h</sup> 55<sup>m</sup> 44<sup>s\*</sup> [14<sup>h</sup> 55<sup>m</sup> 44<sup>s</sup>] a violent earthquake of intensity VII-VIII shook the islands of Batanes, situated between Luzon and Formosa, causing some damage in the towns of Ivana and Sabtan. The earth continued to tremble until 11<sup>h</sup> 04<sup>m</sup> 50<sup>s\*</sup> [19<sup>h</sup> 04<sup>m</sup> 50<sup>s</sup>] when a stronger earthquake entirely destroyed the aforesaid towns. In the other towns of the two islands Batan and Sabtan the shocks

¹ The intensity of earthquakes is given in the notation known as the Rossi-Forel scale. The time is that indicated by the seismographs at the Central Observatory whenever the disturbance has been registered by them. This fact is denoted by an asterisk (\*). Otherwise the time is that noted by the observer who sent the report. All time indications are in Greenwich mean time (midnight= $0^{\circ}$ ), insular time being added in brackets for the convenience of Philippine readers.

produced only some cracks in the thiner walls and the interior partitions of the buildings. Owing to the scarcity of lumber, bamboo and other light materials, the houses in those islands are constructed of stone and lime: all, excepting the churches, convents and some other public buildings, are very small and low structures, consisting of four walls, some 2 to 4 meters high, roofed with a heavy and badly connected wooden frame and a thick cover of grass.

The town of Ivana is situated on the western coast of Batan Island, while Sabtan lies on the eastern coast of Sabtan Island, separated by a deep channel about 4 kilometers wide; the two towns are nearly facing themselves. Both are located on the shore on a narrow and steep stripe of land partially deposited by water courses and fallen from the next heights. Their location is consequently very bad, this being one of the reasons why they were so exceptionally damaged by the last shocks and had also been badly shaken by those occurred in May and July, 1915. On examining the ruins it is found that the construction of the houses was very defective, on account of the very poor composition of the masonry work and of the great weight and faulty construction of the roof. The earthquake ruined the small houses as well as the great buildings, churches and convents, because in all prevailed the same construction.

The ground was nearly undisturbed, neither cracks nor landslides of consideration being caused by the shocks; old bridges of one and even three arches were entirely spared. The great contrast exhibited by the complete destruction of Ivana and its barrio San Vicente in comparison with the undamaged condition of the town of San Carlos, but 4 kilometers distant to the north, seems to be due to the different location; San Carlos being built on level ground some distance from the sea shore in a small valley.

As to the origin of the shocks it seems to be rather shallow: they were recorded only at Manila, Taihoku and Zikawei. Their direction taken from the projection of fallen ruins apparently was from the sea lying between the two islands Batan and Sabtan. It is very probable, as it was said in other places, that there exists a fault which extends also southwards and crosses part of the Archipelago close to the 122d meridian E. The extension of the central area, where the aftershocks were nearly continuous during the afternoon and the night of the 13th of September and very frequent on the following days to the beginning of October, did not exceed 8 to 10 kilometers in the E-W direction. In the N-S direction it was seemingly larger but not very much, because in the small island of Itbayat, some 40 kilometers to the north of the center or line joining the two ruined towns, the principal shocks of the 13th did not call very much the attention by their intensity and none of the numerous aftershocks was felt. In the capital town of Batanes Islands, Santo Domingo de Basco, situated on the island of Batan some 14 kilometers N of the epicenter and only 10 from Ivana, the principal shocks had intensity VII and about forty aftershocks were felt between the 13th and the end of September. Generally the shocks were accompanied by deep subterranean noises similar to distant detonations which were heard in the two ruined towns, at Santo Domingo and other places, but unnoticed in some others.

<sup>&</sup>lt;sup>1</sup> Earthquakes of Batanes Islands and southern Formosa: Bulletin of March 1909. The relation of seismic disturbances in the Philippines to the geologic structure: *The Philippine Journal of Science*, August, 1913. Earthquakes in the Batanes Islands, May, July, 1915. Bulletin of July, 1915.

## RECORDS OF THE MICROSEISMOGRAPH.

[Time: Greenwich mean. Midnight=0h. Instrument: Wiechert seismograph; 1,000 kilograms.  $A_N$ : To=6.62,  $\epsilon$ =2.726,  $\frac{r}{T_{o^2}}$ =0.021;  $A_E$ : To=6.03,  $\epsilon$ =2.878,  $\frac{r}{T_{o^2}}$ =0.037. Alluvium. 2.40 meters above sea level.]

|              |       |            |  |  |                      | Ampl                | litude.                            |   |
|--------------|-------|------------|--|--|----------------------|---------------------|------------------------------------|---|
| No.          | Date. | Character. | Phase.   | Hour.  | Period.              | A <sub>N</sub><br>μ | $A_{\mathbf{E}}$ $\mu$             | Remarks.  |
| 351          | 1     | Ir         | $_{ m eP}^{ m P}$ L $_{ m M_N}$  | h. m. s.<br>20 01 24<br>05 00<br>05 31   | 8                    | 31                  |                                    | Celebes Sea.  |
|              | A     |            | $egin{array}{c} \mathbf{M_E} \ \mathbf{F} \end{array}$   | 06 03<br>41  | 7                    |                     | 25                                 |   |
| 352          | 2     | Iv         | eP<br>F  | 2 34 12 52   |                      |                     |                                    |   |
| 353          | 2     | Ir         | e<br>S<br>L<br>M <sub>N</sub><br>M <sub>E</sub><br>F   | 14 21 18<br>26 00<br>29 00<br>30 05<br>32 16<br>15 41                            | 11 8                 | 37                  | 29                                 |   |
| 354          | 3     | Ir         | eP<br>L<br>F   | 15 11 18<br>15 54<br>16 17   |                      |                     |                                    |   |
| 355          | 4     | I▼         | eP<br>F  | 1 51 32<br>2 01  |                      |                     |                                    |   |
| 356          | 4     | Ιν         | eP<br>L<br>F   | 17 20 18<br>23 40<br>47  |                      |                     |                                    | Celebes Sea.  |
| 357          | 5     | Hr         | $\overset{\mathrm{e}}{\overset{\mathrm{S}}{\overset{\mathrm{L}}{\overset{\mathrm{M}}{\overset{\mathrm{N}}{\overset{\mathrm{N}}{\overset{\mathrm{E}}{\overset{\mathrm{C}}{\overset{\mathrm{N}}{\overset{\mathrm{E}}{\overset{\mathrm{C}}{\overset{\mathrm{E}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}{\overset{\mathrm{C}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}{\overset{C}}}{\overset{\mathrm{C}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}}{\overset{\mathrm{C}}}{\overset{C}}}{\overset{C}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}{\overset{C}}}{\overset{C}}{\overset{C}}{$ | 7 07 57<br>09 49<br>11 41<br>12 17<br>13 05<br>8 08                              | 9                    | 349                 | 226                                |   |
| 358          | 6     | Ιv         | eP<br>F  | 3 16 57<br>21  |                      |                     |                                    | Baguio (W Luzon).   |
| 359          | 7     | Ir         | $egin{smallmatrix} \mathbf{e} \\ \mathbf{M_N} \\ \mathbf{M_E} \\ \mathbf{F} \end{bmatrix}$   | 7 17 44<br>21 45<br>22 35<br>23 28<br>8 23                                       | 10                   | 94                  | 62                                 |   |
| 360          | 7     | Шт         | eP<br>S<br>L<br>M <sub>E1</sub><br>M <sub>E2</sub><br>M <sub>E3</sub><br>M <sub>E4</sub><br>M <sub>E5</sub><br>F   | 17 24 00<br>30 36<br>36 04<br>41 17<br>46 25<br>48 00<br>49 28<br>53 18<br>21 48 | 15<br>17<br>17<br>17 |                     | 555<br>836<br>1, 024<br>932<br>858 | Maxima and end in N-S component lost by the force of the shock. |
| 361          | 8     | I          | eL<br>F  | 0 35<br>49   |                      |                     |                                    | ,   |
| 362          | 8     | Ιv         | eP<br>F  | 2 38 43<br>44  |                      |                     |                                    | W Luzon,  |
| 3 <b>6</b> 3 | 8     | Ir         | e<br>F   | 5 50 22<br>6 21  |                      |                     |                                    |   |
| 364          | 8     | Iv         | eP<br>F  | 13 16 28<br>18   |                      |                     | -                                  |   |
| 3 <b>6</b> 5 | 8     | Ir         | eP<br>F  | 22 29 54<br>23 18  |                      |                     | -                                  | •   |
| 366          | 9     | Ir         | e<br><b>F</b>  | 12 11 40<br>49   |                      |                     | -                                  | •   |
| 367          | 9     | Ir         | e<br>F   | 14 26 44<br>15 21  |                      |                     |                                    |   |
| 368          | 9     | Ιν         | eP<br>F  | 21 56 20<br>22 02  |                      |                     | -                                  |   |
| 3 <b>69</b>  | 10    | Ιν         | eP<br>F  | 15 50 35<br>54   |                      |                     | -                                  |   |

## Records of the microseismograph—Continued.

|     |       |            |  |          |   |         | Amp                 | litude.             |  |
|-----|-------|------------|--|----------|---|---------|---------------------|---------------------|--|
| No. | Date. | Character. | Phase.   | Но       | ur.                                     | Period. | A <sub>N</sub><br>μ | A <sub>E</sub><br>μ | Remarks.   |
| 370 | 10    | Iv         | $^{ m eP}_{\ L} \ { m M_E} \ { m F}$   |          | 1. 8.<br>46 42<br>47 05<br>47 07<br>52  | 3       |                     | 178                 |  |
| 371 | 11    | IIv        | $\begin{array}{c} \mathbf{eP} \\ \mathbf{L} \\ \mathbf{M_E} \\ \mathbf{M_N} \\ \mathbf{F} \end{array}$ |          | 08 39<br>11 44<br>12 32<br>13 00<br>08  | 8<br>11 | 550                 | 390                 | Central Mindanao.  |
| 372 | 11    | Ιν         | eP<br>F  |          | 01 06<br>03                             |         |                     |                     |  |
| 373 | 12    | Iv         | eP<br>F  |          | 55 00<br>03                             |         |                     |                     |  |
| 374 | 13    | IIv        | eP<br>L  | 6        | <b>5</b> 5 44<br>57 45                  |         |                     |                     | Batanes Islands. End overtaken by following earth-<br>quake. |
| 375 | 13    | Ιv         | eP<br>F  | 7        | 09 30<br>47                             |         |                     |                     | Batanes Islands. Aftershock.                                 |
| 376 | 13    | IIv        | eP<br>L<br>M <sub>N</sub><br>M <sub>E</sub><br>F   |          | 51 52<br>54 08<br>55 07<br>55 31<br>42  | 5<br>5  | 453                 | 482                 | Batanes Islands. Aftershock.                                 |
| 377 | 13    | IIv        | eP<br>L<br>F   | 11       | 04 50<br>06 52                          |         |                     |                     | Batanes Islands. Aftershock.                                 |
| 378 | 14    | Ir         | e<br>S<br>L<br>M <sub>N</sub><br>M <sub>E</sub><br>F   |          | 18 42<br>20 00<br>20 02<br>20 27        | 6 7     | 30                  | 56                  |  |
| 379 | 15    | Ιv         | eP<br>F  | 6        | 07 28<br>24                             |         |                     |                     | Batanes Islands. Aftershock.                                 |
| 380 | 15    | Ir         | e<br>L<br>F  | 18       |   |         |                     |                     |  |
| 381 | 16    | Ιv         | $\begin{array}{c} \mathbf{eP} \\ \mathbf{L} \\ \mathbf{M_N} \\ \mathbf{M_E} \\ \mathbf{F} \end{array}$ | 5<br>6   | 57 16<br>58 <b>52</b><br>59 17<br>00 39 | 5<br>5  | 210                 | 223                 | Batanes Islands. Aftershock.                                 |
| 382 | 17    | Iv         | eP<br>F  | 13       | 31<br>53 42<br>00                       |         |                     | <br>                |  |
| 383 | 18    | Iv         | eP<br>L<br>M <sub>E</sub><br>M <sub>N</sub><br>F   | 22<br>21 | 20 06<br>41<br>22 10<br>22 37           | 4 5     | 124                 | 109                 | Batanes Islands. Aftershock.                                 |
| 384 | 19    | Ιv         | eP<br>F  | 2 :      | 20 49<br>35                             |         |                     | !                   |  |
| 385 | 19    | Ιv         | eP<br>F  | 2        | 39 32<br>43                             |         |                     |                     |  |
| 386 | 20    | Ιv         | eP<br>F  | 3        | 27 44<br>30                             |         |                     |                     |  |
| 387 | 22    | Iv         | $\begin{array}{c} \mathbf{eP} \\ \mathbf{L} \\ \mathbf{M_E} \\ \mathbf{M_N} \\ \mathbf{F} \end{array}$ |          | 02 58<br>03 11<br>03 12<br>03 13<br>07  | 3 4     |                     | 96                  |  |
| 388 | 22    | Ir         | e<br>L<br>F  |          | 00 36<br>05 00<br>42                    |         |                     |                     |  |
| 389 | 23    | Iv         | eP<br>F  |          | 19 44<br>23                             |         |                     | :                   |  |
| 390 | 24    | Iv         | e<br>F   |          | 07 20<br>24                             |         |                     | İ                   |  |

## SEISMOLOGICAL BULLETIN.

## Records of the microseismograph—Continued.

|     |       |            |   |   |         | Amp                 | litude.             |                |
|-----|-------|------------|---|---|---------|---------------------|---------------------|----------------|
| No. | Date. | Character. | Phase.  | Hour.   | Period. | A <sub>N</sub><br>μ | A <sub>E</sub><br>μ | Remarks.       |
| 391 | 24    | Iv         | eP<br>F   | h. m. s.<br>6 38 42<br>44                             |         |                     |                     | Iba (W Luzon). |
| 392 | 29    | Ir         | $\overset{\mathrm{e}}{\overset{\mathrm{S}}{\overset{\mathrm{S}}{\overset{\mathrm{L}}{\overset{\mathrm{M}}{\overset{\mathrm{N}}{\overset{\mathrm{E}}}{\overset{\mathrm{E}}{\overset{\mathrm{E}}{\overset{\mathrm{E}}}{\overset{\mathrm{E}}{\overset{\mathrm{E}}{\overset{\mathrm{E}}}{\overset{\mathrm{E}}{\overset{\mathrm{E}}}{\overset{\mathrm{E}}{\overset{\mathrm{E}}}{\overset{\mathrm{E}}{\overset{\mathrm{E}}{\overset{\mathrm{E}}}{\overset{\mathrm{E}}}{\overset{\mathrm{E}}}{\overset{\mathrm{E}}}}}}}}}}$   | 12 19 36<br>25 12<br>29 05<br>29 10<br>29 28<br>13 18 |         | 31                  | 19                  |                |
| 393 | 30    | I          | eP<br>L<br>F  | 13 51 44<br>54 04<br>14 05                            |         |                     |                     | -<br>          |
| 394 | 30    | Ir         | $egin{array}{c} \mathbf{e} \\ \mathbf{S} \\ \mathbf{L} \\ \mathbf{M_N} \\ \mathbf{M_E} \\ \mathbf{F} \end{array}$   | 18 02 12<br>07 24<br>10 38<br>11 15<br>11 15          | 8       | 39                  | 26                  |                |
| 395 | 30    | Ir         | $\overset{\mathrm{e}}{\overset{\mathrm{S}}{\overset{\mathrm{L}}{\overset{\mathrm{L}}{\overset{\mathrm{M}}{\overset{\mathrm{N}}{\overset{\mathrm{E}}}{\overset{\mathrm{E}}{\overset{\mathrm{E}}}{\overset{\mathrm{E}}{\overset{\mathrm{E}}{\overset{\mathrm{E}}}{\overset{\mathrm{E}}{\overset{\mathrm{E}}{\overset{\mathrm{E}}{\overset{\mathrm{E}}{\overset{\mathrm{E}}{\overset{\mathrm{E}}}{\overset{\mathrm{E}}{\overset{\mathrm{E}}}{\overset{\mathrm{E}}{\overset{\mathrm{E}}}{\overset{\mathrm{E}}{\overset{\mathrm{E}}{\overset{\mathrm{E}}}{\overset{\mathrm{E}}}{\overset{\mathrm{E}}}{\overset{\mathrm{E}}}}\overset{\mathrm{E}}{\overset{\mathrm{E}}}}\overset{\mathrm{E}}{\overset{\mathrm{E}}}}\overset{\mathrm{E}}{\overset{\mathrm{E}}}}\overset{\mathrm{E}}{\overset{\mathrm{E}}}}\overset{\mathrm{E}}{\overset{\mathrm{E}}}\overset{\mathrm{E}}{\overset{\mathrm{E}}}}\overset{\mathrm{E}}{\overset{\mathrm{E}}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}}\overset{\mathrm{E}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}\overset{\mathrm{E}}}\overset{\mathrm{E}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}\overset{\mathrm{E}}}\overset{\mathrm{E}}\overset{\mathrm{E}}\overset{\mathrm{E}}}\overset{\mathrm{E}}\overset{\mathrm{E}}\overset{\mathrm{E}}}\overset{\mathrm{E}}}\overset{\mathrm{E}}\overset{\mathrm{E}}}\overset{\mathrm{E}}\overset{\mathrm{E}}}\overset{\mathrm{E}}\overset{\mathrm{E}}}\mathrm$ | 18 44 52<br>49 50<br>52 38<br>52 59<br>53 27<br>19 42 | 7       | 34                  | 21                  |                |

#### TEMBLORES DE TIERRA SENTIDOS EN FILIPINAS.1

- 1,  $20^{\text{h}}$   $01^{\text{m}}$   $24^{\text{s}*}$  [2,  $4^{\text{h}}$   $01^{\text{m}}$   $24^{\text{s}}$ ]. S de Mindanao. Temblor de tierra de intensidad V-VI originado en el Mar de Célebes y sentido en toda la parte S de la isla principalmente en los distritos de Cotabato y Dávao.
- 4, 17<sup>h</sup> 20<sup>m</sup> 18<sup>\*\*</sup> [5, 1<sup>h</sup> 20<sup>m</sup> 18<sup>s</sup>]. **S** de Mindanao. Temblor de tierra de intensidad IV-V originado en el Mar de Célebes y sentido en gran parte de la isla. Repitió el día 5 con intensidad III a 2<sup>h</sup> 55<sup>m</sup> [10<sup>h</sup> 55<sup>m</sup>] y con intensidad IV a 7<sup>h</sup> 07<sup>m</sup> 57<sup>s\*</sup> [15<sup>h</sup> 07<sup>m</sup> 57<sup>s</sup>].
- 6, 3<sup>h</sup> 16<sup>m</sup> 57<sup>s\*</sup> [6, 11<sup>h</sup> 16<sup>m</sup> 57<sup>s</sup>]. Baguio (W de Luzón). Temblor de tierra de intensidad III, originado al S de la Provincia de Benguet.
- 8, 2<sup>h</sup> 38<sup>m</sup> 43<sup>s\*</sup> [8, 10<sup>h</sup> 38<sup>m</sup> 43<sup>s</sup>]. W de Luzón. Temblor oscilatorio, dirección W-E, intensidad III-IV, sentido en las Provincias de Pangasinán, Benguet, Bontoc y La Unión; originado en el Mar de la China.
- 11, 4<sup>h</sup> 08<sup>m</sup> 39\*\* [11, 12<sup>h</sup> 08<sup>m</sup> 39\*]. Centro de Mindanao. Temblor de tierra de intensidad IV, sentido en las Provincias de Cagayán, Lánao, Cotabato, Dávao, Bukidnon y Agusan; originado al parecer en la parte SE del lago Lánao. Registrado en Taihoku, Formosa.
- 15, 13<sup>h</sup> 31<sup>m</sup> [15, 21<sup>h</sup> 31<sup>m</sup>]. Butúan (N de Mindanao). Temblor de intensidad III, duración 10<sup>s</sup>.
- 17, 4<sup>h</sup> 30<sup>m</sup> [17, 12<sup>h</sup> 30<sup>m</sup>]. Butúan (N de Mindanao). Temblor oscilatorio, dirección ESE-WNW, intensidad IV, duración 12<sup>s</sup>. Repitió con intensidad II-III a 10<sup>h</sup> 41<sup>m</sup> [18<sup>h</sup> 41<sup>m</sup>].
- 24,  $6^h$   $38^m$   $42^{s*}$  [24,  $14^h$   $38^m$   $42^s$ ]. Iba (W de Luzón). Temblor de tierra de intensidad III.
- 26, 6<sup>h</sup> 15<sup>m</sup> [26, 14<sup>h</sup> 15<sup>m</sup>]. Ambos Camarines (SE de Luzón). Temblor de tierra de intensidad III sentido en la región que rodea el monte Isarog.
- 27, 18<sup>h</sup> 10<sup>m</sup> [28, 2<sup>h</sup> 10<sup>m</sup>]. Legaspi (SE de Luzón). Temblor oscilatorio, dirección NW-SE, intensidad III, duración 12<sup>s</sup>.

### LOS TERREMOTOS DE BATANES, SEPTIEMPRE 13, 1918.

El día 13 de septiembre a 6<sup>h</sup> 55<sup>m</sup> 44<sup>s\*</sup> [14<sup>h</sup> 55<sup>m</sup> 44<sup>s</sup>] un violento terremoto de intensidad VII-VIII sacudió las Islas Batanes situadas entre Luzón y Formosa causando algunas ruinas en los pueblos de Ivaná y de Sabtan. Siguiéronse casi continuas sacudidas hasta que a 11<sup>h</sup> 04<sup>m</sup> 50<sup>s\*</sup> [19<sup>h</sup> 04<sup>m</sup> 50<sup>s</sup>] otro terremoto más violento que el primero dejó a los dos citados pueblos prácticamente destruídos del todo. La destrucción en los demás pueblos de las dos Islas de Batán y Sabtan consistió en algunas grietas en las paredes, principalmente en las divisorias interiores y de menos espesor. En las expresadas islas por carecerse de abundancia de madera, caña y otros materiales, se edifican las casas de mampostería. Todas, excepto las iglesias y pocos edificios públicos, son construccio-

La intensidad de los terremotos se indica conforme a la conocida escala de Rossi-Forel. Cuanto a la hora de su ocurrencia, adoptamos la indicada por los sismógrafos de este Observatorio siempre que los hayan registrado, distinguiéndola por medio de un asterisco (\*). En caso contrario copiamos la apuntada por los observadores que nos envían las notas. Todas las indicaciones del tiempo se refieren al tiempo medio de Greenwich (medianoche =0<sup>h</sup>). Para conveniencia de los lectores de Filipinas se añade también el tiempo insular.

nes muy pequeñas y bajas, consistiendo en cuatro paredes de 2 a 3 metros de altura, con tejado compuesto de un armazón de madera y cubierta de cogon o paja.

Los dos pueblos de Ivaná y Sabtan destruídos por los terremotos se hallan casi uno enfrente del otro, el primero al W de la grande Isla de Batán y el segundo al E de la de Sabtan, separadas por un estrecho profundo de unos 4 kilómetros de anchura. Ambos están situados a la orilla del mar en un estrecho rellano o escalón formado por terreno acarreado por torrentes o desprendido de las cercanas alturas. Su situación por consiguiente es muy mala, siendo probablemente una de las causas porque han sido tan excepcionalmente castigados por los últimos terremotos y lo fueron ya por los ocurridos en mayo y julio de 1915. Además al examinar las ruinas se ve que la construcción de las casas era muy defectuosa, tanto por la composición de la mampostería empleada, como por el gran peso de los tejados y la falta de trabazón entre las maderas que los forman. El terremoto no perdonó ni las pequeñas chozas ni los grandes edificios, iglesias y conventos, pero en todos ayudaron a la destrucción las malas condiciones indicadas.

No se produjeron en el suelo grietas ni derrumbes de consideración y algunos puentes de un ojo y aun de tres, muy antiguos, quedaron completamente intactos. La gran destrucción de Ivaná y de su barrio San Vicente contrasta con el casi ningún daño sufrido por el pueblo de San Carlos distante solos 4 kilómetros al norte, debido sin duda a la situación de este último algo más lejos de la playa del mar, en un pequeño valle llano.

El origen de los terremotos parece ser muy superficial, puesto que no se registraron sino en Manila, Formosa y Zikawei. La dirección de los movimientos principales en Ivaná, deducida de la proyección de algunas masas, parece haber sido de la parte del mar que separa las dos Islas de Batán y de Sabtan, hacia donde, según indicamos en otras ocasiones,1 se extiende una falla o línea sismotectónica que cruza parte del Archipiélago cerca del meridiano 122° E. La extensión del área pleistoceista, donde las réplicas fueron casi continuas durante la tarde y noche del 13 y frecuentísimas los días siguientes hasta principios del mes de octubre, abarcaba una superficie que no pasaría de 8 a 10 kilómetros en dirección E-W. En dirección N-S, que es la misma de la falla se extendería seguramente algo más, pero no mucho toda vez que en la islita de Itbayat situada a cosa de 40 kilómetros al N del epicentro o de la línea que une los dos pueblos destruídos, los principales choques del día 13 no llamaron extraordinariamente la atención por su intensidad ni se sintieron las numerosas réplicas que los siguieron. En la capital de las Islas Batanes. Santo Domingo de Basco, situada a unos 14 kilómetros al NE del epicentro y 10 kilómetros al NNE del pueblo destruído de Ivaná, los terremotos principales llegaron a intensidad VII y se sintieron unas 40 réplicas desde el 13 al fin de septiembre. Tanto en Santo Domingo como en los pueblos destruídos los movimientos del suelo iban acompañados de ruídos subterráneos semejantes a detonaciones lejanas, en cambio en otros sitios ningún ruido se oyó.

<sup>&</sup>lt;sup>1</sup> Earthquakes of Batanes Islands and southern Formosa: Bulletin, March, 1909. The relation of seismic disturbances in the Philippines to the geologic structure: The Philippine Journal of Science, August 1913. Earthquakes in the Batanes Islands, May, July, 1915: Bulletin, July, 1915.

CHIN, OF WOR

THE GOVERNMENT OF THE PHILIPPINE ISLANDS

# WEATHER BUREAU

MANILA CENTRAL OBSERVATORY

BULLETIN FOR OCTOBER, 1918.

PREPARED UNDER THE DIRECTION OF A REV. JOSÉ ALGUÉ, S. J. DIRECTOR OF THE WEATHER BUREAU

MANILA BUREAU OF PRINTING 1919

| (1) 전체 프랑이 아이를 보고 하다 하고 있다.<br>  사람이 없고 있다.   10 10 10 10 10 10 10 10 10 10 10 10 10  | 기가 있는 이번 경기 (1984년 1일 1일)<br>- 12일 : 12일 : 12일 : 12일 : 12일 : 12일 : 12일 : 12일 : 12일 : 12일 : 12일 : 12일 : 12일 : 12일 : 12일 : 12일 : 12일 : 12일 : |   |  |   |
|---|--|---|--|---|
|   |  |   |  | 실하기 하시장 경기에 가지 않는 것이 되었다.<br>작사 사람이 있는 사람들은 사람들이 가장 되었다.  |
|   |  |   |  |   |
|   |  |   |  |   |
| (1) : |  | 로 내가 다른 10명이 되었다. 이 10명이 10명이 10명이 10명이 10명이 10명이 10명이 10                                       |  | 가 있다. 이 경기 등이 있는 것이 되는 것이 되는 것이 되었다.<br>나는 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 것이 되었다.  |
|   |  |   |  |   |
|   | [발생] 등다면 하는 이 교육에 보고 있다.<br>[편집 - 1] 등 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계  |   |  |   |
|   |  |   |  |   |
| 사용사 경기 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등  |  | 기를 하는 이렇게 되는 경험하다. 이 시간 때문 보기를 받는다.<br>12 전 12 전 12 전 12 전 12 전 12 전 12 전 12 전                  | 하는 사람들은 경우 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등                                   | 는 하면 얼마가 그렇게 된다는 것이 하면 가는 것이다.<br>생각이 한 말로 있다고 하는 것 같은 것이다.   |
|   |  |   |  |   |
|   |  |   |  | 선생님의 한다. 전환 경기 기계 기급 이 기계 있다.<br>1 시간 12 전체는 12 전체 기원이 되었다.   |
|   |  |   |  | 생물로 사용하다는 사람들이 있다면 하는 것이 있다.<br>- 하는 농식에 사용으로 있는 상황하는 상황이 있습니다  |
|   |  |   |  |   |
|   | 4  |   |  | 시 경기 등 기계 기계 등 등 하는 기계 등을 가 되었다.<br>지 것이 되는 기계 있는 기계를 가는 것이 되었다.  |
|   |  |   | 414의 140 의 경기 (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                             | 시, 보고 하면 보다는 사람들이 되었다. 그 사람들은 사람들은 사람들은 사람들이 되었다.<br>레이지 아내는 사람들이 보고 있는 사람들이 얼마나 보고 있다. 얼마나 없다.   |
|   |  |   |  | 등하는 사람이가 되었다. 그 가는 것 같아 다니다.<br>  |
| 교통하다 시간 기업을 가능하고 있습니다.<br>기업을 가능하고 있는데 보다 기업을 수 있다면 수 있다.   |  |   |  |   |
|   |  |   |  |   |
|   |  |   |  | 한 경영 전혀 있다면 보다면 보고 있다. 사고 있는 것이 되었다.<br>하는 것 같은 하는 사무리 그리를 받을까 살이 되어 한 번째 이 사람들   |
|   |  |   |  | 보통 등록 등에 기능이다는 생생이 이 중 등이 하고 있다.<br>당한 기상은 등이 사용하다를 하는 것이 되었다. 하고 있다.   |
|   |  |   |  | (1997년 - 1948년 - 1947년 - 1947년 - 1947년 - 1947년 - 1947년 - 1947년 - 1947년 - 1947년 - 1947년 - 1947년 - 1947년 - 1947년<br>1947년 - 1947년 - 1947년 - 1947년 - 1947년 - 1947년 - 1947년 - 1947년 - 1947년 - 1947년 - 1947년 - 1947년 - 1947년 - 1947년 |
|   |  |   |  | 기를 가입니다.<br>나라 있다. 사람들은 사람들이 보고 있는 것이 없었다.  |
| . 보고 있는 경기에 가는 것이 되는 것이 되는 것이 같아 된 것이다.<br>집 사람이 있는데 "전기를 가게 되고 있는 것이 되었다. 것이다.   |  |   |  |   |
| 기계 : 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계   |  |   |  |   |
|   |  |   | 경영 :   |   |
|   | 14. [ - 1명 (1. 1 - 1   |   |  |   |
|   |  |   |  | 하는 이 영화를 받는다. 한 아들이 있는데 얼마를 모르는 것으로 했다.<br>기가 있는데 이 전 이 전 이 전 이 전 경기를 받는다. 그는 것이 되었다.<br>기가 있는데 이 전 이 전 이 전 전 경기를 받는다.  |
| 도로 성으로 되었다. 생물 이 분류 전투 시간 및 경기를<br>보는 사람들은 기를 보는 것이 되었다.  |  | 현실 경기를 가지 않는 경기를 가지 않는<br>전략 경기를 가지 않는 경기를 가지 않는 것  |  | 경기 경기 되는 이 기업을 하지 않는 것으로 하였다. 그 경기의<br>경기 발표 경기 경기의 기업을 하지 않는 것이 되었다.   |
|   |  |   |  | 시나 보스 아니라는 경기 등에 가는 사용하다. 1980년<br>현기들은 시나 교육은 기름을 모르고 있다.  |
|   |  |   |  |   |
| 요즘 사용하다 이 사용하다 하다 사용하다 하다.<br>기사 (1) 사용하다 하나 사용하다 하나 있다. 기술을  | 이 하는 것이 하는 것이 있다면 가는 것이다.<br>이 지난 기가 있다면 하는 것이다.   | -   |  | 이 가는 사람이 그리지 않는 것은 경기 내용을 보고 있다.<br>20 명한 물리 이 등이 하십 일까지 하네지 않는다.   |
|   |  | 살이 마음이들은 아무리의 사람들이 하다는 그 때까?<br>1941년 1일 1일 1일 1일 1일 1일 1일 1일 1일 1일 1일 1일 1일                    |  | 19 - 일반 시간 경기 전 시간 시간 시간 시간 시간 시간 시간 시간 시간 시간 시간 시간 시간  |
|   |  |   |  |   |
| 경기에 100명 (1985년 1985년 1984년 1984년 1984년 1984년 1984년 1984년 1984년 1984년 1984년 1984년 1984년 1984년 1984년 1984년 19<br>연극기대 (1984년 1984년 1984년 1984년 1984년 1984년 1984년 1984년 1984년 1984년 1984년 1984년 1984년 1984년 1984년 1984년 1984년 1   |  |   |  | 1965년 - 1일 : 10 - 12 : 10 : 10 : 10 : 10 : 10 : 10 : 10 :   |
|   |  |   |  |   |
|   | 경기에 가장하고 생활하고 있다.<br>경기, 사람들 회사 중인 기업 기업 기업 기업   |   |  | 다. 이 경기에 가장 기계를 받는 이 물 하는 것이 되었다. 그 나라지<br>경기에 가장 기계를 보고 있다면 하는 것이 되었다. 그 것이 되었다. 그   |
|   |  |   |  |   |
|   |  |   |  | 가는 가는 맛있는 것이 있는 것을 하면 하는 것이 되었다.<br>100 기술을 하지 않는 것이 있는 것이 없는 것이 없는 것이 없었다.   |
|   |  |   | (19. 원리 ) 경기가 가는 그리고 이렇<br>  |   |
|   |  | 마이지 않고 있다. 그 1000년 2월 12일 12일 12일 12일<br>보기는 아이들은 1000년 12일 12일 12일 12일 12일 12일 12일 12일 12일 12일 | 용으로 함께 보면 보고 있다.<br>1 전 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                      | 사람들이 함께 보고 있었다. 그렇지 않아 얼마를 위한다고 있습니다.<br>1985년 1일 : 1985년 1985년 1985년 1985년 1985년 1985년 1985년 1985년 1985년 1985년 1985년 1985년 1985년 1985년 1985년 1985년 19  |
| 교사의 발생이 아이들 등 전혀 보고 있다. 역 기사인 기<br>기사에 발생 당시 당시 중요하는 기사 회사  |  |   | 경기 등에 가는 것이 있다는 것이다.<br>2016년 - 1일 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계        | 사용되는 경기 (1985년 1일 1일 전 1일 시간 시간 시간 시간 시간 시간 시간 시간 시간 시간 시간 시간 시간  |
|   |  |   |  |   |
| 44 (14) (14) (14) (15) (16) (16) (16) (16) (16) (16) (16) (16   |  |   | 마이스 마이스 (100 m) 등이 되었다. (1)<br>공기는 당시 (1) 10 10 10 10 10 10 10 10 10 10 10 10 10 | 도하다 한 경험 경험 하고 있다면 보이 경험을 다른 경험을 하게 했다.<br>2003년 1002년 전 2월 12일 - 10일 2일 대학생 기업 대학생 (1982년 1일 대학생 기업 대학생 기업 대학생 (1982년 1일 대학생 기업 대학생 기업 대학생 기업 대학생 (1982  |
|   |  |   |  | 경기 경기를 보고 있는 동안 되는 것을 보고 되었다.<br>한 경기를 하는 것이 말로 하고 통해를 하는 것을 보고 있다.   |
|   |  |   |  | 경영 회원 회사를 가고 있는 경우 하는 것이다.  |
|   |  |   |  |   |
| 고리의 (150명) 이 전 (150명) 그 전 (150명) 전 (150명)<br>경영 (170명) 교육 (150명) (150명)   |  | 는 사람들이 있는 것이 같은 동안 사람들이 되었다.<br>사람들은 사람들이 있는 것이 되었다.<br>사람들은 일이 있는 것이 나는 사람들이 하나 보다.            |  | 1500명이 기존 1500명이 보고 전혀 보기를 보기를 받는다.<br>1500명 1500명이 1500명이 보기를 보기를 보기를 보기를 받는다.   |
|   |  | 요. 사람이 함께 있는데 이 경향 보고 있다.<br>역 기사는 물리 경영 ( )  |  |   |
|   |  | , 1200년 1일 전 왕인 120년 120년 120년 120년<br>1200년 - 120년 120년 120년 120년 120년 120년 120년 120년          |  |   |
|   |  |   |  |   |
|   | 어디지는 맛들어 있어요? 이 가는 작품을   | 중하실시시하는 경찰 당했다면서  | 경기가 그리고 있다면 경험하다고  | 왕조, 말로 되었고 영화를 받는 살을 느낌하다.  |
|   | 그렇게하다 하늘 어떤 없다. 얼마나 되었다.   | 김물이 현실하다 그렇게 보고 하는 번째 보고 하는 모모를   |  |   |
| 등하고 있는 이번 전에 함께 있는 경험 발표하는 것은<br>당한 사람들이 있는 사람들이 많아 살아 하고 있다.   |  |   |  |   |

## METEOROLOGICAL BULLETIN FOR OCTOBER, 1918.

By Rev. José Coronas, S. J., Chief, Meteorological Division of the Weather Bureau.

#### GENERAL WEATHER NOTES.

Pressure and temperature.—With the exception of a few stations in northern Luzon, the mean atmospheric pressure of this month in the Philippines is higher than that of the preceding year, although it is below the normal throughout Luzon and in the northern part of the Visayas. The highest pressures were recorded on the 27th, and the lowest on the 15th and 16th.

The mean monthly temperature is slightly higher than that of October, 1917, and than the normal of this month, in southern Luzon, the Visayas and Mindanao, whilst it is slightly lower in northern Luzon. The extreme monthly temperatures for Manila were 32.9° C. and 21.2° C.: they were registered on the 27th and 17th, respectively. The absolute maximum and minimum temperatures for Baguio were 24.8° C., 13.8° C. on the top of Mirador, and 25.8° C., 12.9° C. in the valley.

PRESSURE AND TEMPERATURE AT THE FIRST AND SECOND CLASS STATIONS FOR OCTOBER, 1918.

|   |  |  | F  | ressure   | •   |  |  |  |   | Т   | emperat   | ure.   |   |   |
|---|--|--|--|---|---|--|--|--|---|---|---|--|---|---|
| Station.  | Mean.  | Departure<br>from<br>Oct.,<br>1917.  | Departure from normal.   | High-<br>est<br>mean.   | Day.  | Low-<br>est<br>mean.   | Day.   | Mean.  | ture  | Departure from normal.  | High-<br>est.   | Day.   | Low-<br>est.  | Day.  |
| Zamboanga Tagbilaran a Surigao Cebu Iloilo Tacloban Capiz Calbayog Legaspi Atimonan Ambulong, Tanauan Paracale Manila San Isidro Dagupan Baguio b Vigan Tuguegarao Laoag Aparri | 58. 36<br>58. 47<br>58. 41<br>58. 21<br>58. 17<br>58. 17<br>58. 05<br>57. 99 | mm. +1.08 + .93 + .80 + .87 + .94 + .75 + .84 + .63 + .71 + .44 + .54 + .29 + .121544?01 | mm.  +0.32 + 23 + 217 + 22 - 13 - 27 - 27 - 27 - 46 - 61 - 11 - 89 - 1 - 1, 02 | mm. 760, 41 60, 13 60, 63 60, 63 60, 40 61, 08 61, 24 61, 91 62, 28 61, 55 62, 50 62, 50 639, 65 761, 40 63, 05 61, 47 63, 87 | 5<br>27<br>27<br>27<br>27<br>27<br>27<br>27<br>27<br>27<br>27<br>27<br>27<br>27 | mm. 757. 85 56. 22 55. 83 55. 76 54. 91 54. 92 54. 56 53. 77 52. 91 51. 77 52. 11 52. 30 50. 56 630. 31 750. 48 51. 67? 51. 02 | 16<br>15<br>15<br>15<br>15<br>15<br>15<br>16<br>16<br>16<br>16<br>16<br>16<br>22<br>22<br>24<br>26<br>26<br>26<br>27<br>27<br>28<br>28<br>28<br>28<br>28<br>28<br>28<br>28<br>28<br>28<br>28<br>28<br>28 | °C. 26. 4 26. 9 27. 2 28 26. 7 27. 2 26. 7 27. 1 27 26. 1 27 26. 2 26. 9 17. 4 26. 7 25. 7 26. 7 26. 7 | °C. +0.6 +0.8 +.8 +.8 +.2 +.85 +.64 +.66 +.33488663 | $ \begin{array}{c} {}^{\circ}C.\\ \\ 0\\ + .2\\ + .9\\ 0\\ 0\\ + .3\\ + .1\\ + .5\\ + .1\\ + .1\\ \end{array} $ | °C. 32, 4 33, 8 33, 3 33, 2 32, 35, 4 33, 6 33, 2 32, 9 32, 9 33, 6 24, 8 34, 2 34, 1 34, 1 33, 1 | 27<br>27<br>17<br>7<br>8<br>7<br>1<br>30<br>25<br>6<br>6<br>24, 25<br>27<br>8<br>31<br>32<br>8<br>20<br>24 | °C. 21 22, 3 23, 2 23, 2 24, 22, 5 22, 5 22, 7 22, 4 22, 2 21 22 21, 2 21, 9 13, 8 20, 5 20, 8 20 22, 3 | 2<br>19, 25<br>11, 12<br>16, 17<br>17, 25<br>15<br>14<br>12<br>25<br>17<br>17, 29<br>28<br>17<br>14<br>30<br>26<br>30 |

a 28 days of observation.

Rainfall.—The total monthly rainfall is generally below that of last year and below the October's normal in our stations of the Visayas, whilst in a great majority of our stations of Mindanao it was above the normal, but below the total rainfall of October, 1917. As for Luzon, the following table shows that the number of stations reporting a total rainfall higher than the normal, almost equals the number of stations giving a lower amount.

b The barometric readings of this station are not reduced to sea level

RAINFALL AT VARIOUS STATIONS OF THE WEATHER BUREAU DURING THE MONTH OF OCTOBER, 1918.

| Station.   | Total.  | Departure from<br>Oct., 1917.  | Departure from normal.   | Days of rain.  | Departure from Oct., 1917.  | Greatestrainfall<br>in a single day.  | Day.   | Station.   | Total.   | Departure from<br>Oct., 1917.  | Departure from normal.                           | Days of rain.  | Departure from<br>Oct., 1917.                        | Greatest rainfall in a single day.  | Day.  |
|--|---|--|--|--|---|---|--|--|--|--|--|--|--|---|---|
| Jolo Isabela, Basilan Zamboanga Davao Cotabato Camp Keithley, Lanao. Cagayan, Misamis Dapitan Butuan Mambajao Dumaguete Yap, W. Carolines Tagbilaran Iwahig Surigao Maasin Cebu Iloilo San Jose Buenavista Cuyo Ormoc Guiuan Tacloban Capiz Borongan Catbalogan Catbalogan Catbalogan Catbalogan Catbalogan Catbalogan Massate Romblon Batag | 184. 1<br>149. 7<br>286. 6<br>153. 2<br>109<br>162. 3<br>221<br>189. 4?<br>169. 6<br>333. 7<br>132<br>43. 7<br>317. 8<br>350. 1<br>77. 4<br>174<br>126. 3<br>103. 4<br>206. 6<br>98. 9<br>118. 7<br>62. 7<br>173. 1<br>174. 174. 174. 174. 175. 175. 175. 175. 175. 175. 175. 175 | -241.3<br>-107.1<br>+144<br>-46.8<br>-19.5<br>-19.5<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6<br>-19.6 | + 125. 1<br>+ 13. 4<br>+ 13. 5<br>+ 93. 2<br>+ 51 8. 4<br>- 33. 2<br>- 72. 1<br>+ 98. 5<br>- 89. 8<br>- 164. 8<br>+ 56. 1<br>- 174. 4<br>- 60. 6<br>- 98. 8<br>- 227. 5<br>- 209. 9<br>- 195. 8<br>- 80. 6 | 17<br>15<br>18<br>21<br>27<br>23<br>15<br>8<br>13<br>19<br>15<br>20<br>17<br>6<br>14<br>24<br>21<br>14<br>14<br>14<br>16 | - 8 - 6 - 6 - 10 - 10 - 14 - 9 9 0 0 + 1 1 - 11 - 7 1 - 11 - 7 7 - 7 9 - 12 | 95. 5 7 43. 7 29. 2 50. 8 60. 8 60. 8 60. 7 45. 5 76. 7 45. 5 76. 7 45. 5 8 90. 2 143. 9 93. 2 8 33. 8 7 15. 4 40. 4 112. 4 | 222<br>31 27<br>8 14<br>29 111 30 10 13 15 15 10 11 14 19 20 20 29 16 16 22 20 22 20 28 16 10 28 28 28 | Sorsogon Legaspi Calapan Virac Naga Tigaon Batangas Lucena Atimonan Ambulong, Tanauan Canlubang, Calamba Paracale Santa Cruz, Laguna Manila Antipolo Iba San Isidro Tarlac Baler Dagupan Bolinao Baguio San Fernando, Union Echagüe Candon Vigan Tuguegarao Laoag Aparri Cape Bojeador | 239. 9<br>254. 5<br>260. 6<br>348<br>193. 7<br>218. 9<br>323. 5<br>421. 6<br>256<br>248. 6<br>138. 5<br>619. 8<br>173. 4<br>119<br>293. 9<br>214<br>189. 4<br>201. 5 | - 64.7<br>- 17.1<br>+ 9.4<br>+ 28.8<br>- 41.5<br>+ 284.6<br>- 114.2<br>- 20.3<br>+ 11.2<br>+ 47.6<br>+ 82<br>- 72.6<br>+ 11.2<br>+ 47.6<br>+ 347 | -146. 2<br>-99<br>-114<br>+ 25. 7<br>-112. 2<br> | 15<br>19<br>19<br>20<br>14<br>13<br>19<br>13<br>21<br>19<br>21<br>18<br>22<br>16<br>18<br>11<br>18<br>21<br>14<br>23<br>14<br>23<br>14<br>21<br>12<br>14<br>18<br>19<br>11<br>19<br>11<br>18<br>11<br>19<br>11<br>18<br>11<br>18<br>11<br>18<br>18<br>18<br>18<br>18<br>18<br>18<br>18 | $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 25. 7<br>54. 9<br>37. 5<br>32. 6<br>102. 3<br>103. 7<br>97. 6<br>103. 7<br>70. 6<br>48. 5<br>229. 3<br>35. 3<br>76. 4<br>48. 5<br>26. 4<br>48. 7<br>61. 1<br>153. 8<br>49. 7<br>61. 1<br>153. 8<br>49. 7<br>61. 1<br>154. 8<br>155. 8 | 15 21 15 15 15 15 15 15 15 15 15 17 22 23 22 24 17 22 21 24 |

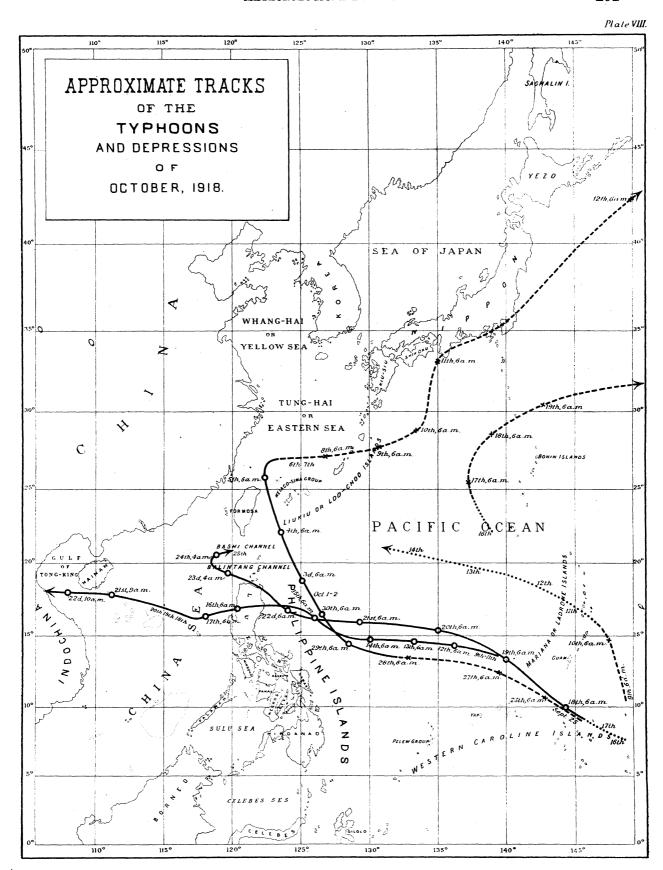
#### DEPRESSIONS AND TYPHOONS.

Four or five depressions or typhoons were observed during this month in the Far East. Their tracks may be seen in Plate VIII.

Typhoon of September 25 to October 12, 1918.—This atmospheric disturbance appeared on September 25 to the south of Guam, near 9° latitude N and 145° or 146° longitude E, and it passed between Guam and Yap moving WNW or NW by W on the 26th. On the 27th and 28th the depression moved westward while it was probably increasing in intensity and developing into a real typhoon. On the 29th the typhoon inclined northward to the east of Luzon moving NNW until October 5th when it recurved eastward to the NE of Formosa. After the 5th it appeared only as a depression of little importance.

Two typhoons over northern Luzon, October 9 to 22 and 16 to 24, 1918.—The first of these two typhoons was of no great intensity, at least while crossing Luzon. It seems to have formed on the 9th to 11th to the west of Guam and north of Yap, between 13° and 14° latitude N, and in about 139° longitude E, and it traversed Luzon moving westward during the night of the 15th and the early morning of the 16th. In the China Sea the typhoon moved very slowly for about three days to the east of the Paracels; then it continued moving westward, and finally filled up on the 22d over the southern part of the Gulf of Tongking. Although this typhoon, as stated above, was of no great importance for the Philippines, yet some damage was done by rains and consequent floods in several places of southern Luzon and northern Mindoro.

The other typhoon, although well developed and intense, touched only the northeast-ternmost part of Luzon, passing to the south of San Vicente, Cabo Engaño, and to the north of Aparri, in the afternoon of the 22d. The barometric minimum at San Vicente was 745.5 mm. with strong squalls and winds veering from NE to E and SE, while the barometric minimum at Aparri was 745.6 mm. with strong winds backing from NNW to



W and SW. The observations at San Vicente were made on board the steamship *Isidoro Pons* by Captain Gerardo Rosés. The existence of this typhoon over the Pacific was clearly shown by the observations of Guam and Yap as early as the afternoon of the 17th, its center being then situated south of Guam near 9° latitude N and 146° longitude E. The typhoon moved northwestward on the 17th and 18th, but inclined decidedly westward on the 19th, and moved almost due west on the 20th and 21st. On the 22d it took again a northwest, and then a westnorthwest direction, until finally it recurved ENE to the west of Balintang Channel on the 23d to 24th, and gradually filled up on the 25th near Bashi Channel. The observations taken on board the steamship *Ecuador* near the center of this typhoon west of the Balintang Channel may be interest to our readers. They are embodied in the following table:

METEOROLOGICAL OBSERVATIONS MADE ON BOARD THE STEAMER "ECUADOR," OCTOBER 22 TO 24, 1918.

[Captain Nelson.]

|                          |    | Posi        | tion.         |    | _              | Wind       | 1.       |                  | Posi               | ition.               | _              | Wind           | l.                   |
|--------------------------|----|-------------|---------------|----|----------------|------------|----------|------------------|--------------------|----------------------|----------------|----------------|----------------------|
| Date and hour.           |    | tude<br>th. | Lon<br>tude e |    | Pres-<br>sure. | Direction. | Force.   | Date and hour.   | Latitude<br>north. | Longi-<br>tude east. | Pres-<br>sure. | Direction.     | Force.               |
| 0 + 1 - 00               | 0  | ,           | 0             | •  | mm.            |            | 0-12.    | October 23:      | 0 '                | 0 ,                  | mm.            |                | 0-1 <b>2</b> .       |
| October 22:<br>7.10 p. m |    |             |               |    | 755.38         |            |          | 8 p. m           | .                  |                      | 747. 25        |                | 12                   |
| 9.25 p. m                |    |             |               |    | 54.37          |            |          | 12 midnight      | -                  |                      | 46.75          | SSE            | 12                   |
| 12 midnight              | 20 | 30          | 119           | 22 | 51.32          | NNE        | 6        | October 24:      |                    | 1                    |                | ~              |                      |
| October 23:              |    |             | 1             |    |                |            |          | 4 a. m           | -                  | i                    | 46. 24         | S              | 12<br>12<br>12<br>12 |
| 12.30 a. m               |    |             |               |    | 48.78          | NE         | 11       |                  | 19 42              | 119 21               | 47<br>46, 24   | SWbyS<br>SWbyW | 12                   |
| 4 a. m                   |    |             |               |    | 45. 48<br>47   | NE<br>ENE  | 11<br>11 | Noon             | 19 42              | 119 21               | 46. 75         | WSW            | 12                   |
| 8 a. m<br>Noon           | 20 | 22          | 119           | 34 | 46.75          | ESE        | 11       | 4 p. m<br>5 p. m |                    |                      | Raising        |                | 12                   |
| 4 p. m                   | 20 | 22          | 113           | 94 | 44.71          | SSE        | 12       | 12 midnight      |                    |                      | 56.40          |                |                      |

Two depressions or typhoons over the Pacific, October 9 to 19, 1918.—Lack of sufficient information from the Pacific prevents us from giving as certain the tracks of these two depressions or typhoons. There is not even a possibility to ascertain whether there were two depressions, as it is supposed in Plate VIII, or only one that recurved northeastward to the southeast of the Loochoos.

#### NOTAS GENERALES DEL TIEMPO.

Presión y temperatura.—A excepción de unas cuantas estaciones en el N de Luzón, la presión atmosférica media de este mes en Filipinas es mayor que la del año pasado, aunque es menor que la normal en todo Luzón y en la parte septentrional de Visayas. Las presiones más altas se registraron el día 27, y las más bajas el 15 y 16.

La temperatura media mensual es ligeramente mayor que la de octubre de 1917 y que la normal de este mes en el S de Luzón, en Visayas y Mindanao, al paso que es ligeramente menor en el N de Luzón. Las temperaturas extremas del mes en Manila fueron 32.9° C. y 21.2° C., observadas los días 27 y 17, respectivamente. Las temperaturas máxima y mínima absolutas en Baguio fueron 24.8° C., 13.8° C. en la cumbre del Mirador, y 25.8° C., 12.9° C. en el valle.

Precipitación acuosa.—La lluvia total del mes es generalmente menor que la del año pasado, y menor también que la normal de octubre en nuestras estaciones de Visayas, mientras que en una gran mayoría de nuestras estaciones de Mindanao fué mayor que la normal, pero menor que la lluvia total de octubre de 1917. En cuanto a Luzón, la tabla que publicamos en el texto inglés demuestra que el número de estaciones que registraron una cantidad total de lluvia mayor que la normal es casi igual al número de estaciones que dieron menor cantidad de agua.

#### DEPRESIONES Y TIFONES.

Cuatro o cinco depresiones o tifones se observaron durante este mes en el Extremo Oriente. Sus trayectorias pueden verse en la Lámina VIII.

Tifón de 25 de septiembre a 12 de octubre de 1918.—Esta perturbación atmosférica apareció el 25 de septiembre al S de Guam, cerca de 9° latitud N y 145° ó 146° longitud E, y pasó entre Guam y Yap, moviéndose al WNW o NW¼W el día 26. El 27 y 28 la depresión se movió al W a medida que iba probablemente aumentando en intensidad y adquiriendo el desarrollo de un verdadero tifón. El 29 el tifón se inclinó al N cuando se hallaba al E de Luzón, moviéndose al NNW hasta el 5 de octubre en que recurvó al E en dirección a las Islas Loochoos. Después del 5 apareció solo como una depresión de poca importancia.

Dos tifones en el N de Luzón, octubre 9 al 22 y 16 al 24, 1918.—El primero de estos dos tifones fué de no mucha intensidad, al menos mientras cruzaba Luzón. Parece haberse formado del 9 al 11 al W de Guam y N de Yap, entre 13° y 14° latitud N, y en los alrededores de 139° longitud E, y atravesó Luzón, moviéndose al W, durante la noche del 15 y la madrugada del 16. En el Mar de China el tifón se movió muy lentamente durante unos tres días al E de Paracels; luego continuó moviéndose al W y finalmente se deshizo el 22 en la parte meridional del Golfo de Tongking. Aunque este tifón, como se ha dicho arriba, fué de poca importancia para Filipinas, con todo causó algunos daños en varias partes del S Luzón y N de Mindoro, por las lluvias que ocasionó y las consiguientes inundaciones.

El otro tifón, aunque bien desarrollado e intenso, sólo llegó a tocar el extremo NE de Luzón, pasando por el S de San Vicente, Cabo Engaño, y por el N de Aparri, la tarde del día 22. La mínima barométrica en San Vicente fué 745.5 mm. con fuertes chubascos y vientos que rolaron del NE al E y SE, al paso que la mínima barométrica en Aparri fué 745.6 mm. con vientos fuertes que rolaron del NW al W y SW. Las observaciones en San Vicente se hicieron a bordo del vapor *Isidoro Pons* por el capitán Gerardo Rosés. La existencia de este tifón en el Pacífico se echó de ver claramente por las observaciones de Guam y Yap del día 17, hallándose entonces su centro al S de Guam cerca de 9° latitud N y 146° longitud E. El tifón se movió al NW el 17 y 18, pero se

inclinó decididamente al W el 19 y se movió casi directamente al W el 20 y 21. El 22 volvió a dirigirse al NW, luego al WNW, hasta que por fin recurvó al ENE por el W del Canal de Balintang los días 23 y 24, y se deshizo gradualmente el 25 cerca del Canal de Bashi. Las observaciones hechas a bordo del vapor *Ecuador* cerca del centro de este tifón al W del Canal de Balintang podrán ser de interés para nuestros lectores, y así las insertamos en el texto inglés.

Dos depresiones o tifones en el Pacífico, octubre 9 al 19, 1918.—La falta de suficiente información del Pacífico nos impide dar como ciertas las trayectorias de estas dos depresiones o tifones. Ni aun posibilidad hay para determinar con certeza si hubo dos depresiones, como se supone en la Lámina VIII, o más bien una sola que recurvó al NE por el SE de Loochoos.

### METEOROLOGICAL DATA FOR MANILA CENTRAL OBSERVATORY.\*

[ $\phi$ =14° 84′ 41″ N;  $\lambda$ =120° 58′ 33″ E; barometer above sea, 14.2 meters; gravity correction not applied, -1.72 mm.]

|   |  | Air to  | empera  | ture. b  |   | Unde  | rgroui  | nd temp   | erature  | •  | -   |   | Rad   | liation.  | Evapo   | ration.   |
|---|--|---|---|--|---|---|---|---|--|--|---|---|---|---|---|---|
| Day.                                      | Pressure (mean).   | Mean.   | Maxi-<br>mum.   |  |   | neter.  |   | neter.  |  | 2. 50<br>meters.<br>8 a. m.  | Rela-<br>tive<br>humid-<br>ity<br>(mean).   | Vapor<br>pres-<br>sure<br>(mean).   | Mini-<br>mum<br>on<br>grass.  | sun.<br>Black   | posure  | Shelte<br>(total)   |
| 1   | 54. 47<br>54. 47<br>56. 89<br>59. 32<br>59. 70<br>59. 81<br>59. 55<br>59. 46<br>59. 19<br>59. 19<br>59. 30<br>59. 19<br>59. 30<br>59. 19<br>50. 11<br>57. 22<br>53. 62<br>51. 11<br>57. 22<br>56. 11<br>57. 23<br>58. 94<br>57. 23<br>58. 94<br>59. 19<br>59. 19<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>50. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10<br>60. 10 | °C.<br>27. 6<br>28. 9<br>28. 4<br>27. 2<br>26. 7<br>26. 7<br>25. 7<br>25. 7<br>25. 5<br>26. 3<br>27. 4<br>26. 3<br>26. 3<br>26. 3<br>26. 5<br>26. 6<br>27. 3<br>26. 5<br>26. 6<br>26. 8<br>27. 2<br>26. 8<br>27. 6<br>26. 8<br>27. 9<br>26. 8<br>27. 9<br>26. 8<br>27. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26 | °C. 30. 4 31. 9 31. 5 30. 7 31. 5 31. 6 31. 6 31. 6 31. 4 29. 7 31. 5 28. 2 28. 7 31. 3 31. 7 30. 6 30. 8 31. 3 32. 8 31. 3 32. 9 31. 4 32. 6 | °C.<br>24. 27. 1<br>26. 2<br>24. 8<br>24. 2<br>23. 5<br>24. 2<br>22. 7<br>23. 2<br>22. 2<br>23. 5<br>23. 5<br>23. 5<br>24. 1<br>22. 2<br>22. 2<br>22. 9<br>23. 5<br>24. 4<br>24. 4<br>23. 5<br>24. 4<br>24. 4<br>25. 5<br>26. 2<br>27. 1<br>28. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 5<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 6<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7<br>29. 7 | °C.<br>29.8<br>29.2<br>29.5<br>29.5<br>29.3<br>29.1<br>29.5<br>29.6<br>29.3<br>28.5<br>29.1<br>28.8<br>27.1<br>28.8<br>27.6<br>27.6<br>27.6<br>27.5<br>28.5<br>28.5<br>28.5<br>28.5<br>28.5<br>28.5<br>28.5<br>28 | °C. 30. 2 30. 4 30. 4 30. 4 30. 7 30. 3 30. 7 30. 3 30. 7 30. 3 29. 5 29. 7 29. 5 29. 5 29. 5 29. 5 29. 5 29. 5 29. 5 29. 5 29. 5 29. 5 29. 5 29. 5 29. 5 29. 7 29. 4 28. 9 29. 7 29. 4 29. 29. 7 29. 4 29. 29. 7 29. 4 | °C. 30. 4 30. 2 30. 1 30. 1 30. 1 30. 1 30. 1 30. 1 30. 29. 8 29. 9 29. 8 22. 8. 2 28. 4 28. 4 28. 4 29. 29. 29. 29. 29. 29. 4 5. 29. 5 | °C. 30. 3 30. 2 30. 4 30. 1 30. 1 30. 3 30. 2 30. 8 29. 8 29. 8 29. 7 28. 3 28. 4 28. 2 28. 1 28. 5 28. 8 29 29 29. 1 29. 4 29. 5 29. 4 | CC. 29, 5<br>29, 6<br>29, 6<br>29, 6<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 6<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 6<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>29, 5<br>20, 5<br>20, 5<br>20, 5<br>20, 5<br>20, 5<br>20 | CC. 38. 3 28. 3 28. 3 28. 4 28. 5 28. 4 28. 5 28. 4 28. 5 28 | Per ct. 81. 1 75. 9 85. 2 85. 8 86. 6 87. 2 86. 6 87. 2 86. 8 89. 4 85. 9 87. 7 85. 6 92. 4 91. 4 92. 6 85. 6 92. 7 87. 7 87. 1 87. 1 87. 1 87. 1 87. 1 87. 1 87. 1 87. 1 87. 1 87. 1 87. 1 87. 1 87. 1 88. 4 | mm. 22. 1 22. 2 21. 8 22. 7 22. 8 23. 6 21. 5 21. 1 21. 5 21. 2 21. 6 22. 7 22. 2 21. 8 22. 7 22. 2 21. 9 22. 2 21. 1 21. 2 21. 9 22. 2 21. 1 21. 2 | °C. 23. 32. 25. 8 24. 5. 8 22. 5. 8 22. 5. 8 22. 5. 22. 8 21. 22. 21. 22. 21. 22. 3. 6 22. 2. 21. 23. 6 22. 2. 21. 23. 6 22. 2. 21. 20. 3 28. 3 | **C. 46 56. 6 55. 1 51. 2 51. 4 53. 3 56. 3 56. 3 57 49. 8 50. 3 28. 7 39. 4 40. 2 53. 1 55. 8 55. 5 55. 7 52 56. 2 53. 8 54. 5 54. 8 54. 8   | mm. 5.67 4 2.18 3.11 3.22 2.42 2.22 3.43 2.1477 2.33 3.15 1.91 3.22 3.4.1 2.4.6 | mm. 4.8 4.5 2.7 1.7 1.4 2 1.8 1.4 1.6 1.9 1.7 3 6.9 1.5 1.5 2.5 1.9 1.2 2.7 1.9 2.2 3 1.7 2.9 |
| Mean<br>Total                             | 59. 60<br>60. 28<br>757. 98  | 26. 1<br>26. 2<br>26. 4   | 31. 7<br>31. 2<br>30. 8   | 21. 5<br>22. 8<br>23. 5  | 28. 3 28 28. 6  | 29<br>29. 1<br>29. 3  | 29. 3<br>29. 2<br>29. 4   | 29.5<br>29.4<br>29.5  | 29. 3<br>29. 3<br>29. 5  | 28. 4 28. 4  | 85<br>87. 5<br>86. 2  | 21.3<br>22<br>21.9  | 19.7<br>21<br>22.2  | 56. 5<br>48. 3<br>51. 4   | 2.8<br>1.7<br>2.6<br>79.5   | 1. 9<br>1. 5<br>1. 9<br>58  |
| Departure from<br>normal                  |  | -0.2  | -0.3  | + 0. 4   |   | -   |   |   |  |  | +2.3  | +0.3  |   |   |   |   |
|   |  |   | Wind.   |  |   |   |   | Clou  | ıds.   |  | -   | Rain,<br>begini   | , 24 ho<br>ning 6 a   | urs<br>a. m.  |   |   |
| Day.                                      | Prevailin<br>direction   | g mo  | otal h  | our- at  | Direction<br>the tire<br>of the<br>naximum<br>relocity  | ne unou   |   | Form a Upper.   | nd direc   | ower.  | Sun-<br>shine.  | On th   |   | the<br>rk.  | liscellai   | neous.  |
| 1<br>2                                    | W<br>W, WNW<br>SW<br>SSW<br>SW quad<br>WSW   | V 5<br>5<br>3<br>. 2<br>2   | 370. 5   2<br>528. 5   2<br>515. 5   2<br>367. 5   2<br>243   2<br>206. 5   2   | 8 V<br>8.5<br>5<br>9   | V, Wbyl<br>V, WSV<br>WbyN<br>SW<br>WSW<br>SWbyW   | 7 8.6<br>7.8<br>9.2<br>10<br>7 4.8  | A<br>G. Ci.<br>G. Ci.<br>Ci.<br>G. Ci.  | -S.<br>-S.  | E Cu.<br>Cu.<br>Cu.<br>SCi   | WNW<br>NW<br>NW<br>WSW<br>u. wsw<br>W  | h. m.<br>0 00<br>6 05<br>3 35<br>1 25<br>0 00<br>10 15  | 1.<br>5.<br>6.  | . m   | 1.8<br>6.1<br>6.9   | op.<br>p.<br>a. op<br>a. op<br>ooa. d   | ).<br>V <sup>o</sup> p.   |
| 7.<br>8.<br>9.<br>0.<br>1.<br>2.<br>3.    | SW<br>E quad.<br>E quad.<br>NE<br>E quad.<br>SW quad<br>WSW<br>SW quad   | . 1   | 94. 5 1<br>100 1<br>67. 5 1<br>21. 5 1<br>76 1<br>83. 5 1<br>80. 5 1  | 2<br>1<br>7.5  | SW<br>SSW<br>WNW<br>NE<br>W, ESI<br>WSW<br>WSW  | 8. 1<br>8. 9<br>6. 4  | Ci.<br>Ci.<br>Ci.<br>Ci.<br>A<br>Ci   | -S.<br>Cu. NI<br>-S.<br>Cu. ENI   | Cu.<br>Cu.<br>Cu.<br>Cu.<br>Cu.<br>Cu.   | WNW<br>Ebyn<br>N. ESE<br>NE<br>E<br>Su. N. NW<br>NE  | 4 40<br>5 45<br>6 00<br>0 00<br>6 30<br>4 15<br>1 55<br>7 20  | 2.<br>3.<br>14.   | . 9<br>. 5 1  | 2 d a 4.1 d a 3.9 = 0 d a 4.1 | [   | p.<br>∩ p.<br>2 p.  |
| 5<br>6<br>7<br>8<br>9<br>9<br>0<br>1<br>1 | SW quad<br>SE<br>ESE, SE<br>E quad.<br>W quad.<br>NW, NNV<br>SW<br>SW quad   | 2<br>2<br>1<br>1<br>1<br>2<br>8<br>8  | 255   2<br>294   2<br>21   1<br>13   2<br>91   1<br>23   2<br>28   4<br>71   3  | 6<br>1<br>1.5<br>2.5<br>2<br>7   | W<br>E<br>ESE<br>SE<br>SSW<br>WbyS<br>SW<br>SW  |   | Ci<br>A<br>A<br>A   | -S.<br>-S.<br>-S.<br>Cu. ]<br>-S.<br>Cu. ]<br>Cu. N, NV   | E   Cu.<br>FrS<br>E   Cu.<br>V   Cu.<br>Cu.  | SW<br>SSE<br>W, SSE<br>SSW SSW<br>S. WSW<br>NNE<br>W, WSW<br>S. SW   | 0 00<br>0 00<br>0 00<br>2 40<br>5 30<br>7 55<br>1 20<br>2 45  | 25.<br>2<br>27.<br>3.<br>18.<br>5.  | . 4   2   2   2   3   . 2   1   . 8   | 6. 4   62<br>26. 5   63<br>2. 1   63<br>26. 7   63<br>2. 2   63<br>8. 8   6. 1   63   | a. ●2   | ).<br>)² p.<br>   |
| 4<br>5<br>5<br>7<br>7<br>8<br>9<br>0      | SW quad<br>WSW<br>SE<br>NE<br>NE quad<br>NE<br>NE<br>NW quad   | . 1   | 38. 5   1<br>99. 5  <br>11. 5   1<br>03   1   | 6<br>4. 5<br>6<br>9. 5   | SW<br>WSW<br>SE<br>ENE<br>N<br>NE<br>W<br>ESE   | 3. 1<br>7. 3<br>4. 5<br>4. 1<br>6. 2<br>3. 2<br>5. 6<br>7. 2  | A<br>Ci.<br>Ci.<br>Ci.<br>Ci.   | Cu.<br>Cu. ENI<br>Cu. ESI   | Cu.<br>Cu.<br>Cu.<br>Cu.<br>Cu.  | Cu. SW<br>W<br>ENE<br>ENE<br>E<br>E<br>E   | 10 05<br>6 05<br>8 30<br>9 05<br>7 40<br>9 00<br>7 20<br>4 35   | 2.  |   | 3 d°  | ^ a.  | ú p.  |
| Mean<br>Total                             |  |   | 04. 8 1<br>48. 5  | 9. 4   |   | 7.6   | <br>  |   |  |  | 4 31<br>140 15  | 323.  | 5 32  | 25. 9   |   |   |
|   |  |   |   |  |   | i <del></del>   |   |   | 1  |  | ( <del></del>   |   |   |   |   |   |

All the mean values given in this table are deduced from hourly observations.
 These values are taken from instruments mounted in the Observatory Park, 1.5 meters above ground.

## METEOROLOGICAL DATA FOR MIRADOR OBSERVATORY, BAGUIO.4

 $[\phi = 16^{\circ} 25' \text{ N}; \lambda = 120^{\circ} 86' \text{ E};$  barometer above sea, 1,512.5 meters; gravity correction not applied, -1.65 mm.]

|       |  |  |   |   | at Mira<br>mounta   |  |   | mperatu<br>near the   |  |   |   |   | Rad  | iation.   | Evapo  | ration  |
|-------|--|--|---|---|---|--|---|---|--|---|---|---|--|---|--|---|
| Day.  | Pressure b (mean).   | Mean.  | Maxi-<br>mum.   | Hour.   | Mini-<br>mum.   | Hour.  | Maxi-<br>mum.   | Hour.   | Mini-<br>mum.                              | Hour.   | Rela-<br>tive<br>humid-<br>ity<br>(mean).   | Vapo<br>pres-<br>sure<br>(mean  | Mini   | Black   | Free<br>ex-•<br>posure<br>(total)  | Shel-<br>ter<br>(total                        |
| 1     | 35. 31<br>32. 03<br>30. 35<br>32. 39<br>33. 85<br>35. 37<br>36. 18<br>35. 55<br>32. 26<br>34. 75<br>36. 69<br>36. 50<br>39. 65<br>39. 65<br>39. 37 | *C. 17. 8 17. 4 16. 9 17. 3 17 17. 9 17. 6 17. 6 17. 6 17. 6 17. 5 16. 3 17. 2 16. 8 17. 4 17. 4 17. 4 18. 3 18. 4 18. 8 18. 8 18. 8 18. 8 | 19. 3<br>19. 8<br>20. 2<br>21. 9<br>22. 1<br>23. 4<br>23. 2<br>22. 2<br>22. 9<br>20. 4<br>21. 1<br>19. 3<br>16. 8<br>17. 8<br>17. 9<br>18. 1<br>19. 3<br>24. 3<br>24. 3<br>24. 3<br>24. 3 | 0. 05p. 11. 20a. Noon 0. 25p. 1. 05p. 10. 30a. 1. 04p. 1. 30p. 1. 30p. 1. 30p. 1. 30p. 1. 30p. 1. 30p. 1. 20p. 1. 20p. 1. 20p. 1. 20p. 1. 20p. 1. 20p. 1. 20p. 1. 20p. 1. 20p. 1. 20p. 1. 20p. 1. 20p. 1. 35a. 1. 30p. 2. 45p. 10. 55a. 10. 50a. 10. 05a. 10. 05a. 10. 05a. | 15. 9<br>16. 2<br>15. 3<br>15. 4<br>14. 9<br>14. 4<br>13. 9<br>14. 3<br>14. 9<br>15. 9<br>16. 2<br>16. 3<br>15. 7 | 4. 00a. 4. 00a. 4. 00a. 3. 20a. 11. 25p. 6. 00a. 5. 40a. 12 m. n. 5. 40a. 1. 00a. 11. 25p. 6. 25a. 12 m. n. 5. 55a. 6. 25a. 12 m. n. 6. 25a. 12 m. n. 6. 25a. 12 m. n. 6. 25a. 12 m. n. 6. 25a. 12 m. n. 6. 25a. 12 m. n. 4. 10a. 6. 25a. 12 m. n. 4. 10a. 4. 10a. 4. 10a. 4. 10a. 4. 10a. 4. 40a. 4. 40a. 4. 40a. 4. 40a. 4. 40a. 4. 40a. | 22.4<br>20.5  | 10. 40a. 1. 05p. 10. 55a. 1. 15p. 1. 25p. 1. 10p. 1. 20p. 1. 00p. 0. 55p. 2. 30p. 1. 20p. 10. 35a. 2. 35p. 11. 40p. 11. 40p. 11. 40p. Noon 10. 20a. 12. 35p. 10. 35a. 2. 50p. 11. 35p. 10. 35a. 2. 50p. 11. 30a. 10. 50a. |  | 6.00a. 3.00a. 4.20a. 3.00a. 12 m. n. 3.25a. 12 m. n. 11.20p. 2.20a. 6.05a. 6.05a. 6.05a. 6.55a. 12 m. n. 5.20a. 2.00a. 12 m. n. 4.30a. 6.30a. 2.20a. 6.00a. 6.35a. 12 m. n. 5.35a. 6.00a. 6.35a. 12 m. n. 5.35a. 6.00a. 12 m. n. 6.00a. 6.00a. 12 m. n. 6.35a. 12 m. n. 6.00a. 12 m. n. 6.35a. 12 m. n. 6.35a. 12 m. n. | Per ct. 92.3 93.3 98.3 99.3 99.5 96.2 94.5 91.2 95.2 91.8 90.2 97.8 98.3 97.2 95.2 85.7 76.7 76.5 73.2 85.7 77.5 80.7 7.5 | mm.  14 13.8 14.4 14.6 14.4 14.7 14.1 18.7 14.1 18.8 18.8 18.8 18.8 18.8 18.8 18.8    | 15. 15. 15. 15. 15. 15. 15. 15. 15. 15.  | 8 47.9 47.9 56.2 57.1 58.2 62 58.5 16.5 55.1 56.4 57.7 59.2 57.7 59.2 57.7 59.2 55.3 53.6 55.3 53.6 | mm. 1.5 1 0 0 0 .3 .8 .8 1.3 1.5 1.2 1.6 1.5 1.9 2.5 0 1 1.4 1.5 1.5 1.5 1.7 0 7 6.5 6.7 6.5 6.8 4.5 | 0.96<br>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| Mean  | '  | 17.4   | 21.5  |   | 15.3  |  | 22.4  | ) ———   | 14.8                                       |   | 91. 2   | 13.   | _  | 7 51.1  | 1.9  | 0.9   |
| Total |  |  | <u> </u>  | <br>  |   |  |   | <u> </u>  |  |   | <u> </u>  |   |  |   | 58. 7  | 29.4  |
|       |  | 1  | Win   | T   |   |  | 1   | Clo   | ouds.                                      |   |   |   | Rain, 24   |   |  |   |
| Day.  | Preva<br>direct  | ling<br>on.d   | Total<br>move-<br>ment.   | Maxi-<br>mum<br>hour-<br>ly<br>veloc-<br>ity.   | Directi<br>at the ti<br>of the<br>maximu<br>velocit   | me nou   | (mean).   | Form :  | and dire                                   | Lower   | - s   | Sun-<br>hine.   | hours<br>begin-<br>ning<br>6 a. m.   | Misc  | ellaneo  | ue.   |
| 1     | NW q<br>E<br>E, S<br>E, SE,  | y y W ad. W ble ad. NE ble ad. lad. lad. lad. lad. lad. lad. lad.  | Km. 461.6 6 587.7 465.4 7 326.2 163 211.2 2264.9 211.2 161.7 196 7 228.5 7 228.1 1,085.5 600.9 284.8 224.2 344.9 456.5 589.2 293.7 282.7 335.5 6401.3 7                                   | 14. 7<br>17. 1<br>17. 2<br>27. 9<br>65<br>57. 4<br>44. 8<br>40<br>24. 3<br>16. 6<br>25. 5<br>33<br>31. 2<br>26. 6<br>31. 1<br>23. 6<br>31. 6  | ENWWWWWEWWW.WEEEEEEEEEEEEEEEEEEEEEEEEEE   | 9.<br>9.<br>9.<br>10<br>8.<br>6.<br>8.<br>10<br>9.   | 1 Ci 3 Ci 4 Ci 9 Ci 9 Ci 9 Ci 9 Ci 9 Ci 9 Ci 9 Ci 9 Ci 6 Ci 6 Ci 6 Ci 6 Ci 9 A 9 Ci 6 Ci 9 A 9 Ci 6 Ci 6 Ci 9 Ci 6 Ci | S. S. WN EY S. S. S. S. S. S. S. S. S. S. S. S. S.  | NE CUCCUCCUCCUCCUCCUCCUCCUCCUCCUCCUCCUCCUC | 1N. SI 1N. 1N. 1N. 1N. 1N. 1N. M. 1N. W. 1N. W. 1N. W. 1N. N. 1N. N. 1N. N. 1N. N. 1N. N. 1N. N. 1N. N. 1N. N. 1N. N. 1N. N. 1N. N. 1N. N. 1N. N. 1N. N. 1N. W. 1N. W. 1N. W. 1N. W. 1N. W. 1N. W. 1N. W. 1N. S. 1N. S. 1.  | DYWNW  SYW  SE SE SE SE SE SE SE SE SE SE SE SE SE  | h. m. 3 20 3 35 00 1 10 0 10 11 10 0 10 12 50 3 45 55 35 6 55 6 55 6 55 6 55 6 55 6 5 | mm. 6.3 11.9 16.8 15.5 7.2 10.7 4.4 27.9 1.3 15.5 6 24.9 9.6 4.6 1.3 3.6 78.5 21.4 1.5 3 | a. (□ 2 p. a. a. a. a. a. a. a. a. a. a. a. a. a.   | p. a. p.   | p. p. p. p. p. p. p. p. p. p. p. p. p. p      |
|       |  |  | 391   | 28  |   | 7.   | 3   |   |  |   |   | 3 09  |  | •   |  |   |
| Mean  | -  | 1_   |   |   |   | '  |   |   | 1  |   | i—  |   | :  |   |  |   |

<sup>&</sup>lt;sup>a</sup> All the mean values given in this table are deduced from six daily observations taken at 2, 6, 10 a. m. and 2, 6, 10 p. m.

<sup>b</sup> The barometric readings of this station are not reduced to sea level.

<sup>e</sup> Maximum of hourly observations taken from 6 a. m. to 6 p. m.

<sup>d</sup> This element is based on hourly observations taken from a quadruple register, which gives only eight possible directions of the wind.

## METEOROLOGICAL BULLETIN.

## DAILY RAINFALL AT THE STATIONS OF THE WEATHER BUREAU, OCTOBER, 1918.

| Station                                       |             |               |             |               |             |            |            | Day of         | mont        | n.             |               |              |             |              |                 |            |
|---|-------------|---------------|-------------|---------------|-------------|------------|------------|----------------|-------------|----------------|---------------|--------------|-------------|--------------|-----------------|------------|
| Station.                                      | 1.          | 2.            | 3.          | 4.            | 5.          | 6.         | 7.         | 8.             | 9.          | 10.            | 11.           | 12.          | 13.         | 14.          | 15.             | 16         |
|   |             | mm.           | mm.         | mm.           | mm.         | mm.        | mm.        | mm.            | mm.         | mm.            | mm.           | mın.         | mm.         | mm.          | mm.             | mn         |
| olo   | mm.         |               |             |               | 49.8        |            |            |                |             | 5.3            | 4             |              | 3           | 6.9          |                 |            |
| sabela, Basilan                               | 12.7        | 6.3           |             |               | 1           |            | 0.5        |                |             | 13.9           | 8.6           | 6.1          | 1.3         | 10.2         | 1.5             |            |
| Basilan Plantation, Isabela (Bassilan) Office | 12.7        | 9.1           | l           |               |             |            | ĺ          |                |             | 26.4           | 10.4          | i            |             | 17.3         |                 |            |
| amboanga                                      | 9.7         | 2.8           |             |               |             | 4.3        |            |                |             | 19.3           | 4.3           | .3           | 6. 1        | 12.8         | 15              | 3.         |
| avao  |             |               | 7.1         |               |             | 8.6        | 20.8       | 95. 5<br>10. 9 | 6.6         | 13. 2<br>22. 9 | 5.8<br>12.2   | 37.8         | 31          | 43.7         | 2.5<br>25.6     | 31         |
| otabato<br>amp Keithley, Lanao                | 31. 2 21. 3 | 42.6          | 4           |               | . 5         |            |            | 1.3            | 5.1         | .3             | 9.9           | 19.6         | 7.4         | 3.7          | 12.2            | 12.        |
| agayan, Misamis                               | 1.3         | 1.3           |             |               |             | 3          | .8         | 32             |             | 26.4           | 50.8          | 4.8          | 6.4         | 3.8          |                 |            |
| Dapitan                                       | 13.2        | 8.6           |             |               |             |            |            | 2              | 7.6         | 6. 1<br>46. 8  | 7. 1<br>40. 6 | 5.6          | 20.1<br>1.8 | 31.5         | 8.9             | 1.         |
| Sutuan  | 1.3<br>5.6  | 2.5           |             |               | 31.7        |            |            | 2              | 7.6         | 29.2           | 4.1           |              | 43.2        |              |                 |            |
| umaguete                                      | 21.3        | 11.6          | 2           |               |             |            |            |                |             | 12.4           | 15. 5         | 25.7         |             | 11.4         | 44              | 9.         |
| ap, Western Carolines                         |             | 5-5-          |             |               | 7.6         |            |            |                | 7.9         | 57. 4<br>. 4   | 22.6<br>55.7  | 7. 1<br>5. 9 | 39. 2       | 24. 2        | 3.5             | 3.         |
| 'agbilaranwahig                               | 5.8         | 2.7<br>16.2   | 1.1         |               |             |            |            | 1.8            | .5          | .5             | .3            | .5           | 3.3         | 45.5         | 19              | 11.        |
| urigao  |             |               |             |               |             |            |            |                | .8          | 17.1           | 7.9           | 47.2         | 57.4        | 10.7         | .8              |            |
| laasin  |             |               |             |               |             |            |            | 3.1            | 5.6         | 16.3<br>2.8    | 14<br>2.4     | 3            | 29.5        |              | .3              | 19.        |
| ebua Carlota, Occidental Negrosa              |             | 41. 2         | 9.4         | 1             |             |            |            | 4.1            | 1.0         | 2.0            | 23.1          |              | 7.4         | 3.6          | 17.3            | 7.         |
| loilo   | 12.5        | 18.8          | 41.2        | 16.5          |             |            |            | . 8            |             | 8.4            | 4. 1          | 13.7         | 1           | . 5          | .3              | 69.        |
| an Jose Buenavista                            | 3.8         | 30.3          | 63.2        |               | 1.5         |            | .3         | 1.3            |             | 5.3<br>1.8     | .5            | 5. 1         | 1.8<br>5.1  | 19.3<br>11.4 | 2.1             | 90.<br>3   |
| uyoucena, Iloilo a                            | 4.8         | 5.3           | 64          | 23.1          |             |            | 1          | 1.0            |             | 1.0            | 17.5          | 27.7         | 5. 1        | 11.4         |                 | 147        |
| rmoc  | . 8         |               |             |               |             |            | 15. 2      | 8.9            |             |                | 13            |              | 1.3         | 13. 2        |                 | 1.         |
| luiuan  |             |               | 15 7        | 10 9          |             |            | 7.1        |                | 3.3<br>2.5  | 3.8            | 9.7<br>11.4   | 11.7<br>2.5  |             | 12.7<br>5.8  |                 | 50.        |
| Dueñas, Iloiloª                               | 1.3         | 6.4           | 15.7        | 10.0          |             |            | 1.1        |                | 2.5         |                | 11. 9         | 4.0          |             | 0.0          |                 | ĺ          |
| to Capiz) a                                   |             | 2             | 13.2        | 3.3           |             |            |            | 13. 2          |             | 6.9            | 25.9          | 6.1          |             | .8           |                 | 45.        |
| apus, Iloilo (Railroad Iloilo to              | 91 6        | 91 1          | 114 1       | F 1           | 1           |            | i          | .3             | 7.1         | 6.6            | 16.8          | 1.3          | .5          | 1            | 114.3           | 1          |
| Capiz) a<br>acloban                           |             | 41.1          | 114. 1      |               |             |            |            | 1.8            | 2.1         | 3.5            | 2.6           | 1. 3         | 3           | .3           | 114.0           |            |
| umarao, Capiza                                |             |               | 6.1         | 2.5           |             | 2.5        |            |                |             | 5.1            |               | 7.6          |             |              |                 | 25.        |
| ao, Capiza                                    |             | 2.3           | .8          |               |             |            |            | 2.5            | 3 79 4      | 10.1           | 3.8           | 9.4          | 7.6<br>2.3  |              |                 | 12.<br>12. |
| apiz<br>orongan                               |             | 2.8           | .3          |               |             |            |            | . 5            | 78.4<br>8.1 | 44. 4<br>7. 4  | 0.0           | .8<br>8.4    | 2.3         |              |                 | 12.        |
| atbalogan:                                    | 1.5         |               |             |               |             | !<br>      |            | 14             | . 5         | 2.8            | 3.8           | 1            |             |              |                 |            |
| albayog                                       |             | 9.7           | .8          |               |             |            |            |                |             | 2.6            | .3            | .5           | 2.3         |              | 8               | 1.<br>12.  |
| lasbate                                       |             |               |             | 3. 3          |             |            | .5         |                |             | 8.4            |               |              |             |              | .0              | 12.        |
| Mindoro a                                     | .           | 68.3          | 143.8       | 5.3           |             |            |            |                |             | <br>           | 4.8           | 22.4         | 16.8        | 2            | 43.7            | 57.        |
| an Jose Estate, Tamaraw Plan-                 | 20.0        | 100.0         |             | 1             |             |            |            |                |             | 10             | 4.0           | 00.4         | 8.4         | 1            | 33              | 72.        |
| tation, Mindoro aan Jose Estate, San Agustin, | 69.8        | 102.2         | 94.2        | 15.5          | 9.9         | 1.5        |            |                |             | 1.8            | 4.3           | 28. 4        | 0.4         | -1           | 99              | 12.        |
| Mindoro a                                     | 78          | 74.2          | 63.8        | 8.9           | 2           |            |            |                |             |                | 1.3           | 33.8         | 42.9        |              | 40.6            | 55.        |
| an Jose, Mindoro                              | 39.1        | 79.3          | 76.7        | 10.4          | 3.8         | .3         |            |                |             | 3.3            | 4.6           | 53.3         | 2.8         | . 5          | 33              | 53.        |
| an Jose Estate, Tunnel D-12,<br>Mindoro       | 30.5        | 69            | 79.5        | 10.7          | İ           | 1          | ] .        |                | 1           | 18.3           | 4.1           | 25. 1        | 2.5         |              | 37.1            | 57.        |
| omblon  |             | 09            | 4.6         |               |             |            |            | 11.2           |             | 69.6           | 3.3           | 4.3          | .5          | 10.9         | 10.7            | 22.        |
| Satag   |             |               |             |               |             |            |            |                | 15.5        | 13.9           |               |              | 4. 1        | 3            |                 |            |
| orsogonegaspi                                 |             | 3.1           | 10.4        |               |             |            | 8.1<br>6.1 | 8.1            |             | 10.7           |               |              |             |              | 36.8<br>3.8     |            |
| an Miguel Estate, San Miguel                  | ·j          | 3.1           | 10.4        | 5. 1          |             |            | 0. 1       |                |             | 1              |               |              |             |              | 0.0             | i          |
| Island, Tabaco, Albayab                       |             | 1             | 6.4         |               |             |            | 2.5        |                |             | 1.8            |               |              | . 5         | .3           | 12.7            | 3.         |
| alapan'irac                                   |             |               |             | 3             | ļ           |            | 8.4        | 6.1            |             | 2.5            | 1 4.8         | 1.8<br>6.9   |             | 18.8         | 54.9<br>23.4    | 17.        |
| laga  | .1          | 1.5           | 5.3         | 7.6           |             |            | .8         |                |             | 1.3            |               | 0.0          | 12.7        |              | 37.5            | 15.        |
| igaon   |             | 12.7          | 3.8         | .3            |             |            | 12.7       | 3              | 2.8         | 2.3            |               | 1            |             |              | 32.6            | 16         |
| atangas<br>ucena                              | 38.9        | 1             | i           | 8. 4<br>3. 8  |             |            |            | 10.2           | 21.6<br>1.5 | 11.4<br>20.9   | 4.8<br>11.7   | 6.4<br>4.1   |             |              | 100.3           | 5.<br>4.   |
| timonan                                       |             |               |             | 3.0           |             | .8         | .5         | 14             | 13.2        | 55.9           | 24            | 3.5          | 8.9         |              | 103.7           | ī.         |
| mbulong, Tanauan                              |             |               |             | 5.6           |             |            | .3         | 6.8            | 7.6         |                |               |              |             |              | 97.6            | 1.         |
| anlubang, Calamba<br>aracale                  | 9 1         |               |             | 3             | .5          | 13.2       | 35.3       | 3<br>5.8       | 6.9<br>19.1 | 4.1            | 1.5<br>5.8    |              | 5.9         |              | 186.7<br>78.7   | 4.<br>8.   |
| anta Cruz, Laguna                             | 2.1         |               | 8.7         | 4.4           |             | 4.8        |            | 5.0            | 15.1        | 6.4            | 4.5           | 13.2         |             |              | 69.4            | 3.         |
| ort Mills, Corregidorac                       | 4.8         |               | 5.3         | 35.6          | 7.9         |            |            | 15.0           |             | 8.9            | 29. 2         |              | 6.4         |              | 148.4           | 9.         |
| labang, Rizala<br>amao, Bataana               |             |               | .3          | 6. 4<br>13. 5 | 12          | .3         | 1.3        | 15. 2<br>7. 6  | 2<br>15.3   | 1.5            | 1.8<br>15.5   | 20.3         |             | 1.8          | 15. 2<br>139. 7 | 16.        |
| lanila  |             |               | 1.5         | 5.9           | 6.8         | .0         | 2.0        |                | 10.0        | 2.1            | 3.9           | 14.5         | .5          |              | 194.3           | 6.         |
| ntipolo                                       |             | 13.7          | 2.5         | 8.1           | 1           |            |            | 3.3            | 14.5        | 4.3            | 39.1          | 10.9         | 5.3         | 2.8          | 245.3           | 5.         |
| osoboso, Rizala<br>Iontalban, Rizala          |             | 1.3           | 12.7        | 9.1<br>1.8    | 2.5<br>10.7 | 6.4        | 3.8        | 16             | 14<br>27.9  | 10.2<br>29.2   | 3.6<br>19     | 2.3          | 5.1         | 2. 5         | 50.8            | 6.<br>184. |
| acienda Pintong Sapang, San                   | 1           |               |             | 1.0           | 10. 1       | 0.4        | 0.0        |                |             | 20.2           |               | 2.0          |             |              |                 |            |
| Jose, Bulacana                                | 10.7        |               |             | 28.4          | 9. 2        | 17.8       | .3         | 19.3           | 21.9        | 16             | .8            |              |             | 5.8          | 130.3           | 5.         |
| abayuan, Dam, Olongapo, Zam-<br>bales a       | 2.5         |               | 2           | 48.2          | 12.9        | 31         |            | 4.1            | 2.8         | 32             | 3.8           | 41.1         | 11.2        |              | 51.8            | 20         |
| 08  | 12.7        | 2.2           | 22.6        | 8.6           | .3          | 28         |            | 7. L           | 1.3         |                | 0.0           | -4.1         |             |              | 48.3            | 2.         |
| an Isidro                                     |             |               | 1.3         | .5            | .5          | 5.1        | .3         | 15.7           | 13.5        |                |               | 1.8          | . 5         |              | 67.1            | 2          |
| acienda Luisita, San Miguel,<br>Tarlaca       |             | .8            | 8, 2        | 1 5           | 2.1         |            | 12.7       |                |             |                |               | 6.4          |             |              | 27.1            | 4.         |
| acienda Luisita, Comillas, Tar-               | i           | ٠٥            | 0, 2        | 1.5           |             |            | 14. 1      |                |             |                |               |              |             |              |                 |            |
| lac a   |             | 4.6           | 3.8         | 8.4           | 9.4         | 13. 7      | 21.8       |                |             |                |               | 5.1          | 6.6         | 5.8          | 27.7            | 18.        |
| arlacaler                                     |             | 8.4           | 7.1         | .5            |             | 11.5       | 16.3       | .5             | 15.2        | .1             |               | 7.9          |             |              | 48.5<br>36.8    | 3.<br>10.  |
| aniqui, Tarlaca                               |             | 10.2          |             | 7.6           | 11.4        |            | 10.0       | 20.3           | 15. Z<br>14 | 8.4            | 7.1           |              |             |              | 14.5            | 16.        |
| .L.A.S. Muñoz. Nueva Ecija a                  |             |               |             | 26.2          |             | .5         | 4.6        | 43.4           | 38.1        | 4.1            |               | 39.1         | ;-;-        | 2.3          | 14.5            | 1          |
| agupan  |             | 17.3          | 8.4         | 17.8          | 2.8         | 1.3        |            | 23.6           | 2           | 2.3            |               |              | 4. 1        |              | 12.5            | 1          |
| Provincea                                     | 1           | 1.5           | 2.5         | 52.6          | 2.6         | 26, 2      | 1.8        | 8              | 27.2        | 51.3           | 1.1           |              |             |              | .5              | 1.         |
| olinao  | 1.3         | 15.2          | 3.1         | 3             | 5.1         | 10.2       |            |                | 1           |                |               |              |             |              | 4.1             |            |
| aguio<br>an Fernando, Union                   | 6.3         | 11.9          | 16.8        | 15.5          | 7.2         | 10.7       | 4.4        | 27.9           |             | 1.3            | 15.5          | .6           |             |              | 8.7<br>6.9      | 12.        |
| chagüe  | 2.6         | 11.4          | 20.8<br>1.3 | 26, 4         | 1.5<br>3.8  | 1.8        | 22, 4      | 3              | 22.6        | 2              | 22            | 6.9          | .3          | .3           | 11.8            | 8.         |
| agada, Mountain Province                      | 17.8        | 19.8          | 24.1        | 12.2          | 8.6         | 1          |            |                | 10.9        | 7.1            | 2             | .8           |             |              | 8.6             | 16.        |
| ontoc, Mountain Province                      |             | 6 1           | 9.7         | 99 0          | 11.7        |            |            | 7.4            | 1.5         | .8             |               |              |             | 9.7          | 5.6<br>4.5      | 10.        |
| igan  |             | 6. 1<br>21. 5 | 15.3<br>9.6 | 23. 2<br>5. 3 | 3.8<br>41.8 |            |            |                |             |                |               |              |             |              | 4.5             |            |
| uguegarao                                     | 153.8       | 49.6          |             | 29.2          |             | 5.6        | 11.2       |                |             |                |               |              |             | 18.3         | 35.6            |            |
| a Paz, Abra aaoag                             | 6.9<br>22.1 | 10.6          | 24          | 5.2<br>7.9    | 7<br>3.3    | .3<br>27.1 |            |                | 18.3        |                |               | <b></b> -    |             | 11.5         | 16.6            |            |
| parri   | 44.7        | 41.9<br>5.3   | 28.7<br>4.4 | 9.2           | 4.6         | 41.1       | 4.5        | 1.5            | 18. 3       | 1              | 15.6          | 6.4          | 2.4         | 11.9         | 11.3            |            |
| ape Bojeador                                  | 5.1         | 14            | 1           |               | 5.3         | 6. 1       |            |                |             |                |               |              |             | 5.1          |                 |            |

<sup>&</sup>lt;sup>a</sup> Voluntary or coöperative station. 

<sup>b</sup> Rain in 24 hours beginning 8 a. m. 

<sup>c</sup> Rain in 24 hours beginning 7 a. m.

Daily rainfall at the stations of the Weather Bureau, October, 1918—Continued.

| 17   | Station.  |       |       |             |      |       | -     |             | Day o | f mont | th.  |      |        |       |       |       |            |
|--|---|-------|-------|-------------|------|-------|-------|-------------|-------|--------|------|------|--------|-------|-------|-------|------------|
| Color   Colo   | Station.  | 17.   | 18.   | 19.         | 20.  | 21.   | 22.   | <b>2</b> 3. | 24.   | 25.    | 26.  | 27.  | 28.    | 29.   | 30.   | 31.   | Tot        |
| sabelle, Basilante, Telphini (6) 4, 2   12, 4   4, 5   9, 4   7, 1   1, 8   19, 3   19 | r.1.  |       |       | mm.         | mm.  | mm.   |       |             |       | mm.    |      |      |        |       |       |       | mn         |
| Seeling Plantation, Isabeling   1.2  | Joio<br>Isabela, Basilan                        |       | 0.8   |             |      | 12.4  |       |             | 9.9   |        | ì    |      |        | j     | 1     |       | 256<br>133 |
| Ambonana   | Basilan Plantation, Isabela (Ba-                |       |       |             |      |       |       |             |       |        |      |      | 1.0    |       |       |       |            |
| Name      | silan) Uffices                                  | 14.2  |       |             |      | 4.6   | 28.4  | 3.8         |       |        |      | 91   |        |       |       |       | 150        |
| Schahato, they Lamo.   | Davao   |       | 6.1   |             | 2.3  |       | 24.6  | 8. 1        | 9. 1  | 2.5    | 6.4  |      | . 5    | . 0   |       |       | 260        |
| Negrey   Namin   S.   9  |   |       |       |             |      |       |       | =           |       |        |      |      |        |       |       |       | 357        |
| Papitan   Papi   | Cagayan, Misamis                                | 8.9   |       |             | .4   | 12.7  |       | . 0         | 13    |        | l    | 17.5 | 1      | 29. Z | 2. 3  | 4.9   | 149        |
| Sambajao   | Dapitan   | 2     |       |             | 23.6 | 3     | 1     | 1           |       | 7.1    |      |      |        |       |       |       | 286        |
| Numagente   Carolines   5.5   15.5   15.5   2   2   4.5   3.5   3.5   2   1.5   3.5   3.5   2.5   3.   | Mambajao  |       |       |             |      |       |       |             | 1     |        |      | 2.3  | . 5    | . 5   | 2.6   |       |            |
| Separate   | Oumaguete                                       | 1.5   |       |             |      |       | 4.3   |             |       |        |      |      |        |       |       |       | 162        |
| wahis  | (ap, western Carolines<br>Caghilaran            | 51.8  | 16.5  | 13.7        | 2    |       |       |             | 1     | 5 9    | 7 9  | .3   |        | . 3   |       |       |            |
| Asala  | wahig   | 1.5   | 2.5   |             |      | 1.5   |       |             |       | 1 1    |      |      |        |       | 14.7  | 22. 9 | 169        |
| Sebation   September   Septe   | iurigao   | 1.3   |       | 76.7        |      |       |       |             |       |        | 7    | 2.9  | 5.9    | 13.9  | 7.2   | 21    |            |
| Solidon   1  | Cebu  | 1     |       |             |      |       |       |             |       |        | .8   | 2    | .5     | 13    |       | 4.8   | 43         |
| an Jose Buenavista. 2 5 61 69,6 17,8 10,2 7,7 1.8  | a Carlota, Occidental Negros a.                 | 1.5   |       |             |      |       |       |             |       |        |      |      | 16 0   |       |       |       |            |
| Description   Section      | an Jose Buenavista                              | 2     |       |             |      |       |       |             |       |        | 2. 5 | 2. 5 | 10.0   |       |       | 4.8   |            |
| Prince   | Cuyo  | 8.9   |       | 1           |      |       |       |             |       |        |      |      |        | 5-5-  |       |       | 77         |
| Section   Sect   | Ormoc   | 15. 5 | 2. 3  |             |      |       | 2. 3  | 10. 7       |       |        |      | 8.6  | 2.5    |       | 1.8   | 1.3   | 174        |
| State   Stat   | Juiuan  |       |       |             | 16.5 |       | .5    |             |       |        |      | 3.3  | 16     | 39. 2 |       | 6.3   | 136        |
| to Capits   1.5    | Bitaogan, Iloilo (Railroad Iloilo               | Z9. Z |       | 7.6         | Z. 5 |       |       |             | 10.2  | ð. 1   | 3.6  | 8.1  | 5.6    | 0.4   |       |       | 208        |
| Capis***   | to Capiz) a                                     | 3.8   | 7.4   | 19          | 12.5 |       |       |             | 19.3  | 1.3    |      |      |        | 5.6   | 1     |       | 186        |
| Sachang   Sach   |   | 2. 5  | 84. R | 5.8         | 18   | 15.8  | 10.4  |             | 9     | 2      | 2.8  | 25 7 | 20. 1  | 1.5   |       |       | 500        |
| Dan, Capir   | Cacloban  | 33.8  |       |             | 11.4 |       |       |             |       |        |      |      | 11.2   | 12.7  | . 5   | 9.4   | 108        |
| April  | Jumarao, Capiza                                 |       | 3 2   |             |      |       |       |             | 5. 1  |        |      | 7 1  |        |       | 4 Q   | 2 3   |            |
| Scrongan   | Capiz   | 1     |       | 3.6         | .8   |       |       |             |       |        |      | .3   | 2.3    | 8.2   |       |       | 206        |
| Salbayor   6.4   3.6   2.5   1.8   1.8   1.3       3.5   2.3   13   3.8     4.8   6.8                  | Sorongan  |       |       |             |      | .3    | .3    | 11.6        | 1 0   |        | 6. 6 |      |        |       |       |       |            |
| Section   Sect   | Calbayog  | 6.4   | 3.6   |             |      |       | 1.3   |             |       |        | 3.5  |      | 13     |       |       |       | 62         |
| Mindoro*   | Asbate  | 10.1  |       |             |      | 1.5   | 3     |             |       |        | 1.3  | 1.8  | 11.2   | 5.3   | 2.8   |       | 62         |
| Plantation, Mindoro*   | Mindoro   | 98    |       | 14.2        |      |       | 9. 9  |             |       |        |      |      |        |       |       |       | 486        |
| ian Jose Estate, San Aguatin, Mindoro  |   | EE 6  | E0.7  |             | ,    |       | 90.5  |             |       |        |      |      |        |       |       |       | 509        |
| Mindoro*   |   | 99. b | 59. 7 | 3.8         | 1    |       | 30.5  | !           |       |        |      |      |        |       |       |       | 996        |
| ian Jose Estate, Tunnel D-12, Mindoro*    5.5  | Mindoro *                                       |       |       |             |      | 3     |       |             |       |        | 2.5  |      |        |       |       |       |            |
| Mindora  |   | 56.6  | 52.5  | 8.6         | .3   |       | 38. 1 |             |       |        |      |      |        |       |       |       | 516        |
| Satag  | Mindoro a                                       |       |       | 10.6        |      |       | 32. 8 |             |       |        |      |      |        |       |       |       | 497        |
| 1.5  | Combion   | .5    | 2     | 10.6        | 9 6  |       |       |             |       |        | 99 0 | 11.2 |        |       |       | 1     |            |
| las Miguel Estate, San Miguel  Island, Tabeo, Albayab 7, 4   | Sorsogon  | 1.5   |       | 15.0        |      |       | 20.4  |             |       | 1.0    | 20.9 | 8. 1 |        |       |       |       | 234        |
| Island, Tabaco, Albayab  |   | 10.7  |       |             | 5.8  | 1.8   | . 5   |             |       |        | 6.3  | 6.4  | 15.3   | 1.5   | 25. 7 | 11    | 114        |
|  | Island, Tabaco, Albayab                         | 7.4   |       | 6.4         |      | 40.1  | 8.9   |             | 21.1  | 9. 7   | 4.3  | 4.1  | .8     | 4.1   |       | 4.6   | 172        |
| Naga   | Calapan   |       | 5.6   |             |      |       |       |             |       | 9 6    |      |      |        |       |       |       |            |
| Satangas   | Naga  | 3.3   | 5. 1  | 10.2        |      |       |       |             |       | 3. 0   |      |      |        |       |       |       | 134        |
| Authon   A   | Cigaon  | 1.3   |       | .3          | 13.2 |       | .3    |             |       |        | 3    | 1.5  |        |       | 3.8   | 1     |            |
| Atimonan Ambulong, Tariauan       25.4       8.1       26.7       7.1       1.3       3.8       2       4.8       8.5       2.7       2.6         Amlubang, Calamba       10.2       3.8       26.1       34.5       3.3       37.6       266         Aaracale       1.3       1.3       4.9       3.8       3.1       4.2       5.6       4.15.5       2.5       1.6.3       34.5         Sort Mills, Corregidor*       30       14.3       11.4       7.7       7.1       3       3.1       2.5       5.3       16.5       2.5       1.6.4       11.5       3.3       4.0       4  | ucena   |       | 5. 5  | 30.7        | 19.3 |       |       |             |       |        | 4.1  | 1.8  |        |       | 8.4   |       |            |
| Sanlubang, Calamba   |   |       |       | 4.6         | 5.7  | 1     | 1.3   |             |       |        |      |      |        | 4.8   |       | -57 6 | 254        |
| Paracale   | Canlubang, Calamba                              | 10.2  |       |             | D. 6 |       |       | 2.5         |       | 9.4    |      | 1.5  | 2.5    | 1     | 2.5   |       |            |
| Cort Mills   | Paracale  | 1.3   |       | 1.3         | 4.9  | 3.3   | .3    |             | 4.1   |        |      | 6.5  |        | 6.4   | 11.5  | 26    | 193        |
| Alabang, Rizala  | oanta Cruz, Laguna<br>Port Mills, Corregidora c |       | 1.0   |             |      | . 3   |       |             |       |        | . ა  | 1    | 2<br>3 | 2.5   |       | 10.5  | -          |
| Manila       25.6       2       27.2       3.3       18.2       5.8       3       2.6       2.6       2.6       32.         Antipolo       19       15       13.4       1.3       5       16.8       10.4       8       1.3       19.8       19.8       13.3       19.8       19.8       1.3       19.8  | Alabang, Rizala                                 |       |       |             |      |       | 15.7  |             | 7.1   |        |      |      |        |       |       |       | 68         |
| Antipolo Sosoboso, Rizala  | ⊿amao, Bataan <sup>a</sup>                      |       |       |             |      |       |       |             |       |        |      |      | 2.6    |       |       | 2.6   |            |
| Montalban, Rizala       3.8       11.4       1.3       42.9       3.8       29       2.5       1.3       1       384         Lacienda Pintong Sapang, San Jose, Bulacana       8.9       5.6       3.8       29.5       5.6       3.8       29.5       5.13       315         Zambalesa       90.7       9.1       6.6       39.4       220.3       4.8       3       1.5       2.8       641         ba       38.9       19.8       5.2       53.8       9.1       2.5       3       26         Lacienda Luisita, San Miguel, Tarlaca       13.2       3 46.5       5.5       76       3       8       2.8       641         Lacienda Luisita, Comillas, Tarlaca       9.7       13       6.4       55.9       4.1       3.3       20       248         Saler       229.3       56.9       129       7.3       1       41.9       3.3       40.2       3       9.4       13.5       21.8         Larlac       34.3       20.3       2.8       1       3.8       3       40.2       3       9.4       13.5       61.8         Saler       229.3       56.9       129       7.3       1       41.9  | Antipolo  | 19    | 1.5   | 13.4        | 1.3  | .5    | 16.8  | 10.4        |       |        |      |      |        |       |       | 1.3   | 421        |
| Sacing   S   |   |       |       |             |      | 3 2   |       |             |       |        |      |      | 1 2    | 1     |       |       |            |
| Mabayuan, Dam, Olongapo, Zambales*       90, 7       9.1       6.6       39.4       220.3       4.8       3       1.5       2.8       644         ban Isidro       13.2       3       46.5       5.5       76       3       8       1.5       2.8       248         facienda Luisita, San Miguel, Tarlac*       29.5       6.6       5.3       2.3       100.8       4.1       1       211         Hacienda Luisita, Comillas, Tarlac*       9.7       13       6.4       5.9       4.1       3.3       20.3       2.8       1       211         Farlac *       9.7       13       6.4       5.8       1       9.7       13       6.4       5.9       4.1       3.3       20.3       2.8       1       3.3       20.3       2.8       1       3.3       2.8       1       3.3       3.3       3.3       9.4       13.5       615       615       615       3.8       3       9.5       3.3       9.4       13.5       615       615       3.8       3       9.6       1.8       1.8       2.8       1.8       3.8       3       9.5       3.3       9.4       13.5       615       3.6       3.8       3       9.5   | Iacienda Pintong Sapang, San                    |       |       |             |      | 0.0   | ŀ     |             | 2.0   |        |      |      |        | -     |       |       |            |
| Zambales*       90.7       9.1       6.6       39.4       220.3       4.8       3       1.5       2.8       64         San Isidro       13.2       3       46.5       .5       .6       53.8       9.1       2.5       .8       248         Jacienda Luisita, San Miguel, Tarlac*       29.5       6.6       5.3       2.3       100.8       4.1        21         Jacienda Luisita, Comillas.       9.7       13       6.4        55.9       4.1       3.3        21         Tarlac*       34.3       229.3       56.9       129       7.3       1       41.9       .3       40.2       3       9.4       13.5       61         Paniqui, Tarlac*       15.8       17.8       3.8       3       80.5       3        23       9.4       13.5       61         Santo Tomas Mt., Mountain       15       5.3       1.8       5.5       5.5       76.7       2       1.8       3       9.4       13.5       13.5       28         Saguio       31.2       8       5.3       3       2.6       8       1       1       175       175       13.1       1.5   |   | 8. 9  | 5.6   | 3.8         |      |       | 29.5  |             |       |        |      | . 5  | 1.3    |       |       |       | 315        |
| ba   San Isidro   13.2   3   46.5   5.5   76.8   8   1   2.5   8   3   256   248   2 | Zambales a                                      |       |       |             | 6.6  | 39. 4 |       |             |       | 1.5    |      |      |        |       |       |       |            |
| Hacienda Luisita, San Miguel, Tarlaca   29.5   6.6   5.3   2.3   100.8   4.1   211   1   1   1   1   1   1   1   1   |   |       |       |             |      |       |       |             | 2.5   |        |      |      |        |       |       |       |            |
| Tarlaca  | Hacienda Luisita, San Miguel,                   |       |       |             |      |       |       |             |       |        | . 8  |      |        |       |       |       |            |
| Tarlac   | Tarlaca   | 29. 5 | 6. 6  | 5.3         | 2.3  |       | 100.8 | 4.1         |       |        |      |      |        |       |       |       | 211        |
| Control of the cont   | Tarlac a  |       | 13    |             |      |       |       | 4.1         | 3.3   |        |      |      |        |       |       |       |            |
| Paniqui, Tarlaca   | Carlac  | 34.3  | 56 0  |             |      |       | 1     | 9           |       |        |      |      |        |       |       |       |            |
| 2. L. A. S. Muñoz, Nueva       12.7       .5       1.5       21.6       110.5       41.1       1.3       365       362   | Paniqui, Tarlac                                 |       |       |             |      | 1     |       | 3           |       |        |      |      |        |       |       |       |            |
| Dagupan   15   5.3   1.8   .   |   |       |       |             |      |       | 1     | 41 1        | 1 0   |        |      |      |        |       |       |       | 969        |
| Santo Tomas Mt., Mountain Province*  1.8 2 5 5 5 76.7 2 1.8 3  Saguio  24.9 9.6 4.6 1.3 3.6 78.5 8.5 21.4 1.5 3  San Fernando, Union  12.7 3.1 5 3 2  Schagtie  43 36.1 10.1 8 3.8 4.3  Schagtia Sontoc, Mountain Province*  7.6 15.2  Sandon  3.8 2 7.1 26.1 3 3 3 1.8 21.8  Sagada, Mountain Province*  7.9 19.6 4.1 15 15 1 3 3 3.9 3 1.8 21.8  Sandon  3.8 2 7.6 4.6 1.5 59.7 48.4 16.7 3.3  Figan  1.5 3.7  1.6 18.3 37.2  1.6 2.8 61.1 22.5 24.7 2.5  1.7 2.8 61.1 22.5 24.7 2.5  Sandon  1.8 2.8 61.1 22.1 2.8 2.8 61.1 22.5 24.7 2.5  Sandon  1.8 2.8 61.1 22.1 2.8 2.8 61.1 2.8 2 | Dagupan   |       |       |             | •    | . 5   |       |             |       |        |      | 1    |        |       |       |       |            |
| Golinao       31.2       8       5.3       3.6       78.5       8.5       2.1       1.3       3       118       23         San Fernando, Union       12.7       3.1       .5       3       2       7.1       26.1       3       3       1.8       122         Schagde, Mountain Province*       4.6       15.2       7.6       4.1       15       3       3.8       4.3       3.8       4.5       3.8       4.6       5.1       3.8       3.9       3       1.8       122         Sontoc, Mountain Province*       7.9       19.6       4.1       15       1       1.5       3.9       3       1.5       3.8       2.1       3.8       2.5       5.6       1.5       59.7       48.4       16.7       3.3       3       1.5       1.5       1.6       1.5       1.5       1.5       1.5       1.5       1.5       1.6       1.6       1.6       1.5       3.8       1.5       1.5       1.6       1.6       1.5       3.8       1.5       1.5       1.6       1.6       1.6       1.5       1.8       1.8       1.8       1.8       1.8       1.8       1.8       1.8       1.8       1.8       1.8  | Santo Tomas Mt., Mountain                       |       |       | ì           |      |       | Ì     |             |       |        | 1    | 1    |        | i l   |       |       | 200        |
| Saguio   | Bolinao   | 31.2  | .8    | . 5         |      | . 5   | 10. 1 |             | .5    | 1. 3   |      |      |        |       |       |       | 119        |
| Schagde, Mountain Province 1     43     36.1     10.1     .8     3.8     4.3      3.9     .3     1.8     21.       Sontoc, Mountain Province 2     7.6     15.2     7.6     41.9     4.6     5.1      1.5      1.5       Jandon 3.8     2.5     5.6     1.5     59.7     48.4     16.7     3.8      1.8       Vigan 1.5     3.7     2.8     61.1     22.5     24.7     2.5      18.       Viguegarao 16.3     18.3     37.2     3.6     84.6     11.6     5      20.1       La Paz, Abra 1     20.1     3     8.7     81.6     82.7     147.9     51.9      49.       Loari 1     22.1     72.5     39.9     5.2     22.9     78.5     6.4     2.1     8     3.8   | Baguio  | 24.9  | 9.6   |             | 1.3  |       |       | 8.5         | 21.4  | 1.5    | .3   |      |        |       |       |       | 298        |
| Siggada, Mountain Provincea   7.6   15.2   7.6   4.6   5.1   1.5   | S <b>c</b> hagüe                                | 43    |       |             |      |       |       | 7.1         | 20.1  | ,      |      | 3.9  | .3     |       |       | 1.8   | 214        |
| Sandon   | Sagada, Mountain Province a                     | 7.6   | 15.2  |             |      | 7.6   |       |             | 5. 1  |        |      |      |        |       |       |       | 211        |
| Vigan     1.5     3.7     2.8     61.1     22.5     24.7     2.5     13     90       **uguegarao     16.3     18.3     37.2     3.6     84.6     18     18     18     47       **a. Pas., Abra*     20.1     3     184.6     11.6     5     24       **soag     7.6     6.6     8.7     81.6     82.7     147.9     51.9     24       **parri     22.1     72.5     89.9     5.2     29.7     8.5     6.4     2.1     8.8     386  | Candon  | 3.8   | 19.0  |             | 5. 6 |       | 59.7  |             | 16.7  | 3.3    |      |      | 1. 5   |       |       |       | 189        |
| La Paz, Abra a 20.1 3  | Vigan   | 1.5   |       |             |      | 2.8   | 61. 1 |             |       |        |      |      |        |       |       |       | 201        |
| Lacag 7.6 6.6 8.7 81.6 82.7 147.9 51.9 496  Aparri 22.1 72.5 39.9 .5 22.9 78.5 6.4 2.1 8 388   | La Paz, Abra                                    |       | 18. 3 |             |      | 3. 6  | 84.6  | 184.6       | 11.6  |        |      |      |        |       |       |       | 242        |
|  | Laoag   | 7.6   |       |             |      |       | 81.6  | 82.7        |       |        |      |      |        |       |       |       | 496        |
|  |   |       | 12.5  | <b>59.9</b> | .5   |       |       |             | 13 7  |        | Z. 1 | .8   |        |       |       | .3    |            |

<sup>\*</sup> Voluntary or cooperative station.

<sup>&</sup>lt;sup>c</sup> Rain in 24 hours beginning 7. a. m.

#### METEOROLOGICAL BULLETIN.

#### MAXIMUM AND MINIMUM TEMPERATURES AT THE STATIONS OF THE WEATHER BUREAU, OCTOBER, 1918.

|  | Jo   | olo.   |  | bela,<br>ilan.  | Zamb  | oanga.  | Dav  | <b>78</b> 0.  | Cota  | bato.   |   | Keith-<br>anao.   |  | ayan,<br>amis.  | Dap  | itan.  |
|--|--|--|--|---|---|---|--|---|---|---|---|---|--|---|--|--|
| Day.   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   |   | Mini-<br>mum.   |  | Mini-<br>mum.   | Maxi-<br>mum.   |   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum   |
| 1 2 3 4 4 5 6 6 7 8 9 10 11 1 12 13 14 15 16 17 18 19 20 21 19 20 21 22 23 24 25 26 27 28 29 30 31 1 | 31. 1<br>30. 3<br>30. 9<br>30. 3<br>29. 7<br>30. 6<br>28. 5<br>31<br>31. 1<br>29<br>30. 6<br>32. 7<br>31. 7<br>31. 7<br>32. 1<br>31. 3<br>30. 5<br>30. 8<br>30. 9<br>30. 8<br>30. 9<br>30. 6<br>32. 7<br>31. 7<br>31. 7<br>32. 1<br>31. 3<br>30. 5<br>30. 5<br>30. 6<br>30. 6<br>30. 6<br>30. 6<br>30. 6<br>30. 7<br>30. 6<br>30. 7<br>30. 6<br>30. 7<br>30. 6<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7<br>30. 7 | *C. 24. 4 24. 7 24. 7 21. 9 22. 7 21. 9 22. 7 23. 1 22. 9 23. 6 22. 2 23. 7 24. 24. 3 24. 24. 3 24. 3 25. 4 26. 2 26. 2 27 28. 6 29. 20 29. 6 20. 20 20. 6 20. 20 20. 6 20. 20 20. 6 20. 20 20. 6 20. 20 20. 6 20. 20 20. 6 20. 20 20. 6 20. 20  | *C. 30.4 29.3 31.6 32.6 33.1 31.1 31.1 31.1 29.6 30.1 31.6 30.1 31.6 30.1 31.6 32.6 32.6 32.3 31.1 32.1 32.1 33.1 33.1 33.1 33.1 | °C. 22. 1 22. 6 21. 6 22. 1 21. 3 22. 6 23. 1 22. 6 23. 7 22. 6 22. 1 22. 6 22. 7 22. 8 23. 7 22. 8 23. 7 22. 6 23. 7 22. 8 23. 7 22. 8 23. 7 22. 8 | 29. 2<br>29. 5<br>29. 7<br>29. 8<br>29. 7<br>32. 3<br>32. 4<br>29. 7<br>30. 5<br>30. 5                                    | °C. 22. 2 21 23. 8 23. 3 23. 1 23. 9 22. 5 24 23. 4 22. 9 22. 5 23. 5 23. 5 23. 5 23. 5 23. 5 23. 5 23. 9 24. 5 23. 4 23. 9 24. 5 23. 9 24. 5 23. 9 24. 5 23. 9                   | °C. 33. 4 32. 7 32. 7 33. 5 33. 5 33. 5 31. 5 32. 6 32. 6 32. 5 33. 2 33. 6 32. 8 32. 8 33. 9 34. 2 33. 1 32. 8 33. 9 34. 2                          | °C. 21. 1 21. 4 21 20. 8 21. 9 22 22. 8 21. 1 20. 7 21. 5 21. 4 22 21. 5 21. 4 22 21. 5 21. 4 22 21. 5 21. 4 22 21. 5 21. 7 21. 5 21. 6 | 31<br>30. 5<br>30. 9<br>32<br>32. 1<br>32<br>33. 5<br>33. 5<br>31. 5<br>32. 5<br>32. 7                                    | °C. 421. 7 21. 9 22. 1 21. 1 23. 1 24 22. 5 23 22 22. 6 23. 3 23. 2 22. 4 23. 2 23. 8 23. 4 23. 5 22. 7 21. 2 21. 2 23. 6   | °C. 25.8 25.4 25.5 29.3 28.8 28.9 29.9 29.3 26.5 26.7 26.8 28.6 28.6 28.6 28.6 28.6 28.6 28.7 27.3 28.6 28.6 28.7 26.8  | °C. 20. 1 19. 1 20. 5 17. 6 17. 7 18. 7 19. 4 19. 2 18. 5 18. 4 19. 9 20. 5 20. 4 21 18. 6 18. 2 19. 1 17. 6 19. 5 18. 9 17. 7                                  | °C. 32. 4 32. 5 33. 2 32. 6 32. 8 32. 5 30. 4 28. 4 31. 4 29. 8 33. 8 32. 5 32. 6 31. 7 32 31. 8 31. 9 32. 2 32. 2 32. 2 32. 2 32. 2 32. 2 32. 2 32. 2 32. 2 32. 8 32. 8 31. 1 | °C. 4 22. 4 22. 5 22. 1. 4 21. 6 22. 5 22. 1. 22. 2 21. 4 21. 6 22. 5 22. 9 22. 6 21. 6 21. 9 22. 6 22. 4 22. 4 22. 6 22. 4 22. 6 22. 4 22. 6 21. 6 22. 1 22. 8   | °C. 31. 6 30. 2 33. 2 33. 2 33. 7 33. 6 33. 9 33. 7 32 29. 1 29. 2 27. 6 28. 8 32. 1 32. 9 32. 7 33. 8 31. 5 32. 2 33. 2 33. 2 33. 2 33. 2 33. 2 33. 3 | 22. 7<br>22. 22. 2<br>22. 2<br>22. 2<br>23. 1<br>21. 6<br>24. 5<br>23. 4<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>23. 1<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22. 3<br>22 |
| Mean   | 30.7   | 23.3   | 32.1   | 22.7  | 29.8  | 23.1  | 33   | 21.4  | 30.8  | 22.8  | 27. 5   | 19. 1   | 31.7   | 22. 4   | 31.7   | 23.2   |
| Day.   | But  | uan.   | Mam  | bajao.  | Duma  | guete.  | Yap, V<br>Caro   | Vestern<br>lines.   | Tagbi   | ilaran.   | Iwa   | hig.  | Sur  | igao.   | Mas  | asin.  |
|  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum   |
| 1  | 33. 9<br>34. 9<br>36. 4<br>35. 7<br>33. 6<br>35. 9<br>32. 3<br>31. 1<br>31. 2<br>31. 1<br>31. 2<br>33. 5<br>36. 1<br>33. 2<br>33. 3<br>35. 1<br>34. 4<br>33. 3<br>34. 4<br>33. 3   | °C. 22. 8 23 7 22. 7 22. 5 22. 5 23. 4 22. 8 22. 8 22. 8 22. 9 22. | °C. 31.4 30 32.7 33.7 33.7 32.1 32.4 32.3 30.6 25.7 31.4 30.6 33.1 31.4 30.6 33.1 31.2 31.2 31.2 31.2                            | °C. 25.3 24.5 25.4 22.9 24.1 23.5 23.2 23.4 23.2 24.1 25.9 24.1 25.6 26.8 26.2 22.9 23.6  | °C. 27.8 29.9 33.4 32.1 30.4 31.6 31.8 31 29.8 30.4 30.8 29.8 27.4 32.4 34.7 31.9 30.9 31.9 31.4 30.7 30.4 31.4 31.4 31.4 | °C. 23. 3 23. 2 23. 9 24. 3 22. 2 22. 6 24. 3 28. 4 23. 2 22. 3 28. 4 23. 2 23. 5 25. 1 22. 3 23. 2 23. 4 23. 4 23. 4 23. 4 23. 4 23. 4 23. 4 23. 4 23. 4 23. 4 23. 4 23. 5 26. 8 | *C. 33.9 33.2 33.2 33.4 30.8 31.3 30.8 32.7 33.7 28.7 32.4 32.3 32.4 30.4 28.3 32.6 31.2 32.7 31.4 32.2 31.8 32.7 32.7 32.7 32.7 32.7 32.7 32.7 32.7 | °C. 25 24.9 25.5 24.5 24.2 25 22.5 23.3 25.8 25.2 21 20.6 22.5 23.6 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5                             | *C. 28.3 29.5 31.2 32.7 31.2 31.8 32.5 31.7 31 29.3 31.5 30.4 29.7 31.6 30.4 29.7 31.6 32.7 31.7 32.4 32.7 32.4 32.7 33.8 | °C. 23.9 22.9 22.9 23.3 24.3 23.2 23.2 23.2 23.4 22.5 24.2 24.2 25.5 24.7 25.5 24.7 25.5 22.3 22.3 22.3 22.3 22.3 22.3 22.3 | °C. 32. 2 30. 7 28. 9 30. 6 31. 8 32. 6 32. 6 32. 5 30. 1 31. 6 32. 7 29. 7 28. 4 28. 2 32. 9 32. 6 32. 6 32. 1 31. 6 32. 2 31. 6 32. 2 31. 6 32. 2 31. 6 32. 3 | °C. 21. 5 21. 2 21. 2 21. 4 20. 9 19. 8 18. 9 19. 5 19. 3 19. 4 19. 9 21. 1 21. 6 21. 5 21. 7 21. 4 21. 5 20. 9 19. 8 19. 8 19. 5 20. 3 20. 2 19. 9 19. 8 21. 8 | °C. 30.3 29.5 32.8 31.6 32.7 31.2 32.5 30.3 26.6 29.8 29.8 28.3 32.8 33.3 32.6 31.8 30.5 30.3 31.6 31.8 30.5 30.3 31.6 31.8 30.5 30.3  | ° ( 26. 7 27. 2 27. 2 23. 9 23. 4 23. 6 23. 7 24. 1 23. 4 24. 4 24. 2 26. 8 23. 6 24. 7 24. 2 26. 8 23. 6 24. 7 24. 3 23. 7 24. 3 23. 7 24. 3 23. 7 24. 3 23. 7 24. 3 23. 7 24. 2 25. 7 24. 2 25. 7 24. 3 23. 7 24. 2 25. 7 2 25. | °C. 31.2 31.8 32 32 32 33 33.4 32.6 33.1 31 31 32 30.7 31.6 31.8 31.4 29 31.2 32.4 33.1 32.4 33.3 33.1 32.2 33.8 33.5 33.8                             | *C. 23.8 25.1 22.5 22.3.6 23.4 22.5 22.8 22.7 23.6 6 22.8 22.3 6 6 22.3 22.5 22.7 22.3 23.6 22.2 23.2 23.2 23.2 23.2 23.2  |
| 25<br>26<br>27<br>28<br>29<br>30<br>31   | 33.9<br>36.5<br>30.2   | 23. 1<br>22. 2<br>23. 3<br>23  | 31<br>29.6<br>31.2<br>30.5   | 24. 2<br>26. 1<br>24. 6<br>25. 6  | 31. 4<br>30. 4<br>30. 4   | 25<br>24.7<br>26  | 32.3<br>32.7<br>33   | 24. 3<br>24<br>24. 5  |   |   | 32.7<br>32.1<br>29.2  | 20. 2<br>20. 6<br>20. 2   | 28. 8<br>30. 8<br>30. 4  | 24. 5<br>23. 9<br>24. 1   | 33, 3<br>33, 4<br>32, 6  | 23.7<br>23.8<br>23   |

Maximum and minimum temperatures at the stations of the Weather Bureau, October, 1918—Continued.

| _    | C€  | ebu.  | Ilo   | ilo.   | San<br>Buens  | Jose<br>wista.   | Cu  | yo.  | Orr  | noc.   | Gui   | uan.   | Tacl   | oban.                | Ca  | pi <b>z</b> .  |
|------|---|---|---|--|---|--|---|--|--|--|---|--|--|----------------------|---|--|
| Day. | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.        | Maxi-<br>mum.   | Min<br>mun   |
|      | °C.   | °C.   | °C.   | °C.  | °C.   | °C.  | °C.   | °C.  | °C.  | °C.  | °C.   | °C.  | °C.  | °C.                  | °C.   | $\circ c$  |
|      | 28.6  | 26  | 27.3  | 23. 2  | 31. 1   | 23<br>25. 1  | 29.3  | 25. 3  | 31   | 23.7   | 31.2  | 27.2   | 32.6   | 25.2                 | 33.4  | 24   |
|      | 28.7  | 26.2  | 29  | 24.5   | 30.8  | 25.1   | 28.8  | 25.5   | 29.7   | 26. 9  | 31.2  | 27.2   | 31.5   | 25. 5                | 30.8  | 23.  |
|      | 30.5  | 26.3  | 27.7  | 22.8   | 28.2  | 23.2   | 29.2  | 24.8   | 31.8   | 26.9   | 31.4  | 26. 7  | 32   | 23.6                 | 31. 2   | 23.  |
|      | 30 31. 2  | 25. 9<br>24   | 29. 9<br>29. 5  | 23<br>25.4   | 30  | 23.4   | 28.4  | 25. 1  | 32.6   | 26.9   | 83  | 27.6   | 34. 4  | 23.8                 | 31.6  | 25.  |
|      |   | 24.5  | 30.5  | 23.3   | 31.3<br>31.7  | 22. 8<br>22. 4   | 30  | 24. 7<br>23. 7   | 32. 7<br>33. 4   | 23.2<br>21.9   | 33. 9<br>34. 2  | 26.8<br>23.2   | 32. 5<br>34. 7   | 23<br>23             | 32<br>33  | 24<br>22.  |
|      | 33, 2   | 24.6  | 31  | 23.8   | 32  | 23. 1  | 31.6  | 23.8   | 33.5   | 22.3   | 34. 4   | 22.4   | 35. 4  | 23. 4                | 32.2  | 24   |
|      | 31.6  | 25  | 32  | 24.2   | 32.5  | 22. 9  | 32.3  | 25. 1  | 33.4   | 22.5   | 34. 4   | 23. 2  | 35   | 23. 9                | 33. 1   | 24   |
|      |   | 24.6  | 31. 9   | 23. 9  | 32.2  | 22.5   | 32.3  | 25. 1  | 33:4   | 22.6   | 31. 9   | 23.5   | 33.7   | 23.4                 | 32  | 23.  |
|      |   | 24.5  | 29.2  | 23.5   | 31.7  | 23   | 31  | 24. 2  | 31.9   | 22.9   | 30  | 24.2   | 29.9   | 23.9                 | 30. 2   | 22.  |
|      |   | 23.8  | 28.6  | 23.2   | 30.8  | 22.2   | 31.2  | 24.3   | 31.2   | 22.8   | 31.2  | 24.1   | 30.9   | 23.8                 | 31. 4   | 23.  |
|      | 31.8  | 23.8<br>24.2  | 30. 2   | 22.7   | 31.2  | 22.1   | 30.8  | 23.4   | 30.9   | 22.9   | 31.1  | 23.7   | 31   | 22.6                 | 31.2  | 23.  |
|      |   | 24.2  | 30. 5<br>29. 7  | 23. 1<br>24. 2   | 31. 2<br>30. 8  | 22. 5<br>23. 1   | 30. 6<br>30. 4  | 23.8<br>24   | 32<br>31. 2  | 22. 9<br>22. 4   | 32<br>29. 8   | 23.1   | 32<br>29.8   | 24. 2<br>23. 9       | 32. 2<br>31. 2  | 23.<br>23.   |
|      |   | 25.4  | 30.7  | 25.6   | 31.6  | 23.1   | 29. 9   | 25.6   | 30.7   | 23.4   | 29.8  | 23<br>25. 9  | 30.9   | 24. 4                | 30.6  | 22.  |
|      |   | 25  | 28.5  | 22.5   | 29.7  | 24.5   | 28.4  | 26.7   | 30. 4  | 23. 9  | 31. 1   | 26. 3  | 31.7   | 23.7                 | 31.5  | 23.  |
|      | 31  | 25.8  | 30  | 22.5   | 28.3  | 23. 3  | 28  | 24.8   | 33.4   | 25. 9  | 33. 2   | 25.8   | 33. 1  | 22.5                 | 30.3  | 23.  |
|      | 30.8  | 25. 5   | 30.2  | 25. 5  | 30.7  | 26.8   | 29.8  | 24.4   | 33.4   | 25. 2  | 34  | 26.6   | 33.1   | 23.4                 | 32.3  | 24.  |
|      | 30.4  | 24.6  | 28.6  | 23.3   | 31.8  | 25   | 30.4  | 24.9   | 33.4   | 22.9   | 32. 7   | 24.2   | 34.2   | 23. 9                | 31.2  | 24   |
|      | 30.6  | 26.1  | 30. 5   | 23. 4  | 31.2  | 22.6   | 30.7  | 25.2   | 32. 9  | 23.3   | 32.2  | 24   | 32.3   | 24.2                 | 31. 4   | 24.  |
|      |   | 26.2  | 28.5  | 23.5   | 30.5  | 23   | 31.9  | 24.7   | 32.4   | 22.6   | 29  | 23.4   | 28.4   | 24. 4                | 29. 4   | 24.  |
|      | 31.2  | 26.2<br>24.8  | 29.3<br>30  | 23.8<br>24.7   | 31. 1<br>31. 6  | 24. 1<br>23. 4   | 29.9<br>30.2  | 25. 1<br>23. 7   | 32. 1<br>33. 2   | 23. 4<br>26. 2   | 31. 4<br>33. 4  | 26. 9<br>24  | 32<br>33.8   | 24. 2<br>24. 4       | 32.8<br>31.9  | 24.<br>24.   |
|      | 32. 1   | 25  | 30.2  | 23. 4  | 32. 2   | 22.5   | 31.1  | 24. 1  | 33.6   | 22.8   | 33.6  | 25.2   | 34.4   | 23. 2                | 31. 4   | 23.  |
|      | 31.9  | 24.5  | 31.8  | 24. 1  | 32.3  | 23. 4  | 31. 2   | 23.7   | 33. 2  | 21.4   | 33.7  | 23   | 34   | 22.5                 | 31.8  | 23.  |
|      | 31.2  | 25.8  | 31.5  | 24   | 32.6  | 22.6   | 31. 1   | 26.1   | 33.8   | 21.4   | 32.4  | 24   | 33   | 24                   | 32.3  | 23.  |
|      | 30.6  | 25.3  | 31  | 24.7   | 33.8  | 22.5   | 31.7  | 26.6   | 33.2   | 22.6   | 32.2  | 25.2   | 32.4   | 24                   | 31. 4   | 25.  |
|      | 31.5  | 24.2  | 30.5  | 24.1   | 33.3  | 23   | 30. 7   | 26.6   | 32. 4  | 22.9   | 32.1  | 24.8   | 33.1   | 23.4                 | 31.9  | 25.  |
|      |   | 24. 9   | 30.3  | 24.4   | 32.8  | 23.5   | 29.9  | 26.4   | 32.3   | 22.5   | 32  | 24.2   | 33.5   | 23.8                 | 31.4  | 25.  |
|      | 30. 5<br>30. 8  | 24.8<br>25.4  | 30. 1<br>31. 2  | 24. 2<br>24. 5   | 33, 2<br>33, 2  | 23<br>22. 4  | 30.7<br>31  | 26. 9<br>26. 1   | 30. 9<br>31. 7   | 22. 9<br>23  | 32<br>30. 9   | 24.1<br>24.8   | 31. 4<br>30  | 23. 9<br>24          | 31. 6<br>32. 3  | 25.<br>23.   |
| Mean |   |   |   |  |   |  |   | 20.1   |  |  |   |  |  |                      |   |  |
| Mean | 30.6  | 25. 1   | 30  | 23.8   | 31.5  | 23.2   | 30.4  | 25   | 32.3   | 23.5   | 32, 1   | 24.8   | 32. 5  | 23.8                 | 31.6  | 24   |
| Mean | <u> </u>  | 25. 1<br>ngan.  | 30<br>Catba   |  | 31. 5<br>Calba  |  |   | 25<br>bate.  | 1  | 23. 5<br>blon.   | <u> </u>  | 24.8<br>tag.   |  | 23. 8<br>ogon.       | <u> </u>  | 24<br>aspi.  |
| Day. | Boro  | ngan.   | Catba   | logan.   | Calba   | ayog.  | Mas   | bate.  | Rom  | blon.  | Ba  | tag.   | Sors   | ogon.                | Leg   | aspi.  |
|      | <u> </u>  | ngan.   |   |  | <u> </u>  |  |   | 1  | 1  |  | <u> </u>  | tag.   | Sors<br>Maxi-  | ogon.                | <u> </u>  |  |
| Day. | Boro Maximum.   | Mini-mum.   | Catba Maximum.  | Mini-mum.  | Maxi-mum.   | Mini-mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Rom<br>Maxi-<br>mum.   | Mini-mum.  | Ba<br>Maxi-<br>mum.   | Mini-<br>mum.  | Sorse<br>Maxi-<br>mum.   | Minimum.             | Maxi-mum.   | Mir<br>mu  |
| Day. | Boro<br>Maxi-<br>mum.   | Mini- mum.  °C. 24.8  | Catba  Maximum.   | Mini-<br>mum.  | Maximum.  | Mini-<br>mum.  | Maxi-<br>mum.<br>°C.<br>31.6  | Mini-<br>mum.  | Rom<br>Maxi-<br>mum.   | Minimum.   | Maximum.  | Mini-<br>mum.  | Sorse<br>Maxi-<br>mum.   | Minimum.             | Maxi-<br>mum.   | Min<br>mu  |
| Day. | Boro Maximum.   | Mini-<br>mum.<br>°C.<br>24.8<br>25.4  | Catba  Maximum.  °C. 30.2 30.2  | Minimum.   | Maximum.  | Mini-<br>mum.<br>°C.<br>27.2<br>25.6   | Maxi-<br>mum.<br>°C.<br>31. 6<br>31. 4  | Mini-<br>mum.<br>°C.<br>27.2<br>26.2   | Rom<br>Maxi-<br>mum.<br>°C.<br>30. 9<br>32. 3  | blon.  Minimum.  °C. 26.7 26.7   | Maxi-<br>mum.<br>°C.<br>30<br>29.3  | Mini-<br>mum.<br>°C.<br>25.4<br>25.7   | Sorse<br>Maxi-<br>mum.<br>°C.<br>29.5  | Minimum.             | Maxi-<br>mum.<br>°C.<br>28. 9<br>29. 9  | Mii<br>mu<br>25.<br>26.  |
| Day. | Boro  Maximum.  °C. 32.3 30.7 32.7  | Mini-<br>mum.<br>°C.<br>24.8<br>25.4<br>23.2  | Catba  Maximum.  °C. 30.2 30.2 30.8   | Mini-<br>mum.<br>°C.<br>27<br>26. 9<br>25. 7   | Calba<br>Maxi-<br>mum.<br>°C.<br>28.8<br>28.8<br>28.8   | Mini-<br>mum.<br>°C.<br>27.2<br>25.6<br>26.2   | Maxi-<br>mum.<br>°C.<br>31.6<br>31.4<br>31.4  | Mini-<br>mum.<br>°C.<br>27.2<br>26.2<br>26.2   | Rom Maximum.  °C. 30.9 32.3 30.4   | blon.  Minimum.  °C. 26.7 26.7 24.7  | Ba<br>Maxi-<br>mum.<br>°C.<br>30<br>29.3<br>30.5  | Mini-<br>mum.<br>°C.<br>25.4<br>25.7<br>24.7   | Sorse Maximum.  °C. 29.5 29 31   | Minimum.             | Maxi-<br>mum.<br>°C.<br>28.9<br>29.9<br>28.4  | Mi<br>mu<br>25.<br>26.<br>25   |
| Day. | Boro<br>Maxi-<br>mum.<br>°C.<br>32.3<br>30.7<br>32.7<br>34.6  | Mini-<br>mum.<br>°C.<br>24.8<br>25.4<br>23.2<br>22.3  | Catba Maximum.  °C. 30.2 30.2 30.8 32.7   | oC. 27 26. 9 25. 7 23. 9   | Calba<br>Maxi-<br>mum.<br>°C.<br>28.8<br>28.8<br>28.8<br>30.1   | Mini-<br>mum.<br>°C.<br>27. 2<br>25. 6<br>26. 2<br>27. 5   | Maxi-<br>mum.<br>°C.<br>31.6<br>31.4<br>31.4<br>30.6  | Mini-<br>mum.<br>°C.<br>27.2<br>26.2<br>26<br>25.5   | Rom Maximum.  °C. 30.9 32.3 30.4 30.4  | blon.  Minimum.  °C. 26. 7 26. 7 24. 7 24. 9   | Ba:  Maximum.  °C. 30 29.3 30.5 31.9  | Mini-<br>mum.<br>°C.<br>25. 4<br>25. 7<br>24. 7<br>23. 8   | Sorso<br>Maxi-<br>mum.<br>°C.<br>29.5<br>29<br>31<br>30  | Minimum.             | Maxi-<br>mum.<br>°C.<br>28.9<br>29.9<br>28.4<br>30.8  | Mi<br>mu<br>25.<br>26.<br>25.<br>25.   |
| Day. | Maximum.  °C. 32.3 30.7 32.7 34.6 31.7 32.6   | Mini-<br>mum.<br>°C.<br>24.8<br>25.4<br>23.2  | Catba  Maximum.  °C. 30.2 30.2 30.8   | Mini-<br>mum.<br>°C.<br>27<br>26. 9<br>25. 7   | Calba<br>Maxi-<br>mum.<br>°C.<br>28.8<br>28.8<br>28.8   | Mini-<br>mum.<br>°C.<br>27. 2<br>25. 6<br>26. 2<br>27. 5<br>24. 1  | Maximum.  °C. 31.6 31.4 31.4 30.6 32.2  | Mini-<br>mum.<br>°C.<br>27. 2<br>26. 2<br>26. 2<br>25. 5<br>24. 8  | Rom Maximum.  °C. 30.9 32.3 30.4   | blon.  Minimum.  °C. 26.7 26.7 24.7  | Ba Maximum.  °C. 30 29.3 30.5 31.9 30.6   | Mini-<br>mum.<br>°C.<br>25.4<br>25.7<br>24.7   | Sorse<br>Maxi-<br>mum.<br>°C.<br>29.5<br>29<br>31<br>30<br>31<br>32  | Minimum.             | Maxi-<br>mum.<br>°C.<br>28.9<br>29.9<br>28.4  | Mi<br>mu<br>25.<br>26.<br>25.<br>25.<br>24.<br>23.   |
| Day. | Maximum.  °C. 32.3 30.7 32.7 34.6 31.7 32.6   | Mini-<br>mum.<br>°C.<br>24.8<br>25.4<br>28.2<br>22.3<br>22.6<br>22.4<br>22.5  | Maximum.  °C. 30.2 30.8 32.7 32 32.3 32.3   | logan.  Minimum.  °C. 27 26. 9 25. 7 23. 9 23. 9 22. 7 22. 8   | Calba<br>mum.<br>°C.<br>28.8<br>28.8<br>28.8<br>30.1<br>30<br>30.8<br>30.8  | Mini-<br>mum.<br>°C.<br>27.2<br>25.6<br>26.2<br>27.5<br>24.1<br>22.5<br>23.3   | Maxi-<br>mum.<br>°C.<br>31.6<br>31.4<br>30.6<br>32.2<br>31.6<br>31.8  | Mini-<br>mum.<br>°C.<br>27. 2<br>26. 2<br>26. 2<br>24. 8<br>23. 6<br>23. 6   | Rom Maximum.  °C. 30.9 32.3 30.4 30.4 31.5 32.9 33.4   | Mini-<br>mum.<br>°C.<br>26. 7<br>24. 7<br>24. 9<br>24. 6<br>24. 9<br>22. 8   | Ba  Maximum.  °C. 30 29.3 30.5 31.9 30.6 32.5 31.6  | Mini-mum.  °C. 25.4 25.7 24.7 23.8 24.2 24.3 23.6  | Sorse Maximum.  °C. 29.5 29 31 30 31 32 32.3   | Minimum.             | Maximum.  °C. 28.9 29.9 28.4 30.8 32.4 32.9 32.3  | Mi mu 255 26 25 24 23 23   |
| Day. | Maximum.  °C. 32.3 30.7 32.7 32.6 31.7 32.6 32.2 32.5   | Mini-<br>mum.<br>°C.<br>24.8<br>25.4<br>28.2<br>22.3<br>22.6<br>22.4<br>22.5<br>23.1  | Catba Maximum.  °C. 30.2 30.2 30.8 32.7 32 32.3 32.2 32.4   | Mini-<br>mum.<br>°C.<br>27<br>26. 9<br>25. 7<br>23. 9<br>23. 9<br>22. 7<br>22. 8<br>22. 7  | Calba<br>mum.<br>°C.<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>30. 1<br>30<br>30. 8<br>30. 8<br>31. 8  | Mini-<br>mum.<br>°C.<br>27. 2<br>25. 6<br>26. 2<br>27. 5<br>24. 1<br>22. 5<br>23. 3<br>23. 6   | Maximum.  °C. 31.6 31.4 31.4 30.6 32.2 31.6 31.8 31.8   | Mini-<br>mum.<br>°C.<br>27. 2<br>26. 2<br>26. 2<br>24. 8<br>23. 6<br>23. 6<br>25. 5  | Rom  Maximum.  °C. 30.9 32.3 30.4 31.5 32.9 33.4 31.5 32.9   | blon.  Minimum.  C. 26. 7 26. 7 24. 9 24. 6 24. 9 22. 8 23. 7  | Ba<br>Maximum.<br>°C.<br>30<br>29, 3<br>30.5<br>31.9<br>30.6<br>32.5<br>31.6<br>31.9  | Mini-<br>mum.<br>°C.<br>25. 4<br>25. 7<br>24. 7<br>24. 7<br>23. 8<br>24. 2<br>24. 3<br>23. 6<br>23. 2  | Sorse Maximum.  °C. 29.5 29 31 30 31 32 32.3 31.9  | Minimum.             | Maximum.  °C. 28.9 29.9 28.4 30.8 32.4 32.9 32.3 32.1   | Mi<br>mu<br>255<br>26<br>25<br>25<br>24<br>23<br>23<br>23  |
| Day. | Maximum.  °C. 32.3 30.7 32.7 32.6 31.7 32.6 32.2 32.5 33.3  | Mini-<br>mum.<br>°C.<br>24.8<br>25.4<br>28.2<br>22.3<br>22.6<br>22.4<br>22.5<br>23.17   | Catba  Maximum.  °C. 30.2 30.8 32.7 32 32.3 32.2 32.4 30.5  | Mini-<br>mum.<br>°C.<br>27<br>26. 9<br>25. 7<br>28. 9<br>22. 7<br>22. 8<br>22. 7<br>22. 8<br>22. 7   | Calba<br>Maxi-<br>mum.<br>°C.<br>28.8<br>28.8<br>28.8<br>30.1<br>30<br>30.8<br>30.4<br>31.9   | Mini-<br>mum.<br>°C.<br>27. 2<br>25. 6<br>26. 2<br>27. 5<br>24. 1<br>22. 5<br>23. 3<br>23. 6<br>22. 8  | Maximum.  °C. 31.6 31.4 30.6 32.2 31.6 31.8 31.8 31.8   | Mini-<br>mum.<br>°C.<br>27. 2<br>26. 2<br>26. 2<br>24. 8<br>23. 6<br>23. 6<br>25. 8<br>25. 2   | Rom Maximum.  °C. 30.9 32.3 30.4 30.4 31.5 32.9 33.4 32.8  | Mini-<br>mum.<br>°C.<br>26. 7<br>24. 7<br>24. 9<br>24. 8<br>24. 9<br>22. 8<br>23. 7<br>23. 7   | Ba  Maximum.  °C. 30 29, 3 30, 5 31, 9 30, 6 32, 5 31, 6 31, 9 32 32  | Mini-<br>mum.<br>°C.<br>25. 4<br>25. 7<br>24. 7<br>24. 7<br>23. 8<br>24. 2<br>24. 3<br>23. 6<br>23. 2<br>24. 8   | Sorse  Maximum.  °C. 29.5 29 31 30 31 32 32.3 31.9 32.2 32.2   | Minimum.             | Maxi-<br>mum.<br>°C.<br>28. 9<br>29. 9<br>28. 4<br>30. 8<br>32. 4<br>32. 9<br>32. 3<br>32. 1<br>32. 3   | Mi mu 25. 26. 25. 24. 23. 23. 23. 22.  |
| Day. | Boro Maximum.  °C. 32.3 30.7 32.7 34.6 31.7 32.6 32.2 32.5 33.3 30.6  | Mini-mum.  °C. 24.8 25.4 23.2 22.3 22.6 22.4 22.5 23.1 21.7 23.2  | Catba Maximum.  °C. 30. 2 30. 2 30. 8 32. 7 32 32. 3 32. 2 32. 4 30. 5  | Mini-<br>mum.  °C. 27 26. 9 25. 7 23. 9 22. 8 22. 7 21. 7 23. 5  | Calba<br>Maxi-<br>mum.<br>°C.<br>28. 8<br>28. 8<br>30. 1<br>30<br>30. 8<br>30. 4<br>31. 8<br>31. 9  | Mini-mum.  °C. 27. 2 25. 6 26. 2 27. 5 24. 1 22. 5 23. 3 23. 6 22. 8 23. 7   | Maximum.  °C. 31.6 31.4 30.6 32.2 31.6 31.8 31.8 31.8   | Mini-<br>mum.<br>°C.<br>27. 2<br>26. 2<br>26. 2<br>26. 2<br>28. 6<br>23. 6<br>23. 6<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8  | Rom  Maximum.  °C. 30.9 32.3 30.4 30.4 31.5 32.9 33.4 32.3 32.8 32.8 32.8  | blon.  Minimum.  °C. 26.7 26.7 24.7 24.9 24.6 24.9 22.8 23.7 23.7 23.2   | Ba  Maximum.  °C. 30 29.3 30.5 31.9 30.6 32.5 31.6 31.9 32 27.2   | Mini-mum.  **OC. 25.4 25.7 24.7 23.8 24.2 24.3 23.6 23.2 24.8 22.3 \$  | Sorse Maximum.  OC. 29, 5 29 31 30 31 32 32, 3 31, 9 32, 2 32, 3   | Minimum.             | Maximum.  °C. 28.9 29.9 28.4 30.8 32.4 32.9 32.3 32.1 32.3 28.9   | Mii mu 25. 26. 25. 24. 23. 23. 22. 22. 22.   |
| Day. | Boro  Maximum.  °C. 32.3 30.7 32.7 34.6 31.7 32.6 32.2 32.5 33.3 30.6 31.8  | mgan.  Minimum.  °C. 24.8 25.4 23.2 22.6 22.4 22.5 23.1 21.7 23.2 22.2  | Catba  Maximum.  °C. 30.2 30.8 32.7 32 32.3 32.3 32.2 30.5 30 30.2  | Minimum.  °C. 27 26. 9 25. 7 28. 9 22. 7 22. 8 22. 7 21. 7 22. 8 22. 7 21. 7 23. 5 22. 4   | Calba<br>Maxi-<br>mum.<br>°C.<br>28. 8<br>28. 8<br>28. 8<br>30. 1<br>30. 8<br>30. 8<br>31. 9<br>30<br>31. 9   | Mini-<br>mum.<br>°C.<br>27. 2<br>25. 6<br>26. 2<br>27. 5<br>24. 1<br>22. 5<br>23. 3<br>23. 6<br>22. 8<br>22. 8<br>23. 7<br>23. 5   | Maximum.  °C. 31.4 31.4 30.6 32.2 31.6 31.8 31.8 31.8   | Mini-<br>mum.<br>°C.<br>27. 2<br>26. 2<br>26. 2<br>24. 8<br>23. 6<br>23. 6<br>25. 5<br>24. 8<br>25. 2<br>25. 2<br>25. 2  | Rom  Maximum.  °C. 30.9 32.3 30.4 30.4 31.5 32.9 33.4 32.8 32.8 32.8 38.8  | blon.  Minimum.  26.7 26.7 24.7 24.7 24.9 22.8 23.7 23.7 23.7 23.2 22.8  | Ba<br>Maxi-<br>mum.<br>°C.<br>30<br>29.3<br>30.5<br>31.9<br>30.6<br>32.5<br>31.6<br>31.9<br>32.2<br>27.2<br>30.4  | Mini-<br>mum.<br>°C.<br>25. 4<br>25. 7<br>24. 7<br>23. 8<br>24. 2<br>24. 3<br>23. 6<br>23. 2<br>24. 8<br>22. 3<br>23. 6  | Sorse<br>Maxi-<br>mum.<br>°C.<br>29.5<br>29<br>31<br>30<br>31<br>32<br>32.3<br>31.9<br>32.2<br>28.9  | Minimum.             | Leg: Maximum.  °C. 28. 9 29. 9 28. 4 30. 8 30. 8 32. 1 32. 3 32. 1 32. 3 30. 8  | Mii mu 25. 26. 25. 24. 23. 23. 22. 22. 23.   |
| Day. | Maximum.  °C. 32.3 30.7 32.7 34.6 31.7 32.6 32.2 32.5 33.3 30.6 31.8  | Mini-<br>mum.<br>°C.<br>24.8<br>25.4<br>23.2<br>22.3<br>22.6<br>22.5<br>23.1<br>21.7<br>23.2<br>22.4<br>21.5  | Catba Maximum.  °C. 30.2 30.2 30.8 32.7 32 32.3 32.3 32.2 32.4 30.5 30 30.2 31.3  | Minimum.  °C. 27 26. 9 25. 7 22. 9 22. 7 22. 8 22. 7 21. 7 23. 5 22. 4   | Maximum.  °C. 28.8 28.8 28.8 30.1 30 30.8 30.4 31.8 31.9 30 31.9  | Mini-<br>mum.<br>°C.<br>27. 2<br>25. 6<br>26. 2<br>27. 5<br>24. 1<br>22. 5<br>23. 3<br>23. 6<br>22. 8<br>23. 7<br>23. 5<br>22. 8   | Maximum.  °C. 31.6 31.4 30.6 32.2 31.8 31.8 31.8 31.8 31.8 31.8   | Mini-<br>mum.<br>°C.<br>27. 2<br>26. 2<br>26. 2<br>26. 2<br>23. 6<br>23. 6<br>25. 8<br>25. 8<br>25. 2<br>25. 6<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8 | Maximum.  °C. 30.9 32.3 30.4 30.4 31.5 32.9 33.4 32.8 32.8 31.4 31.9   | Mini-<br>mum.<br>26. 7<br>26. 7<br>24. 9<br>24. 9<br>22. 8<br>23. 7<br>23. 7<br>23. 2<br>22. 8<br>23. 2  | Maximum.  °C. 30 29, 3 30, 5 31, 9 30, 6 31, 9 32, 5 31, 6 31, 9 32 27, 2 30, 4 30, 3   | Mini-mum.  **C. 25.4 25.7 24.7 23.8 24.2 24.3 23.6 23.2 24.8 22.3 23.9 24.6  | Sorse Maximum.  °C. 29.5 29 31 30 31 32 32.3 31.9 32.2 8.9 31 31.8   | Minimum.             | Maximum.  OC. 28.9 29.9 29.9 30.8 32.4 30.8 32.4 32.9 32.3 32.1 32.3 32.1 32.3 32.1 32.3  | aspi<br>mu<br>25.<br>26.<br>25.<br>24.<br>23.<br>23.<br>23.<br>23.<br>22.<br>22.<br>22.<br>23.   |
| Day. | Maximum.  °C. 32.3 30.7 32.6 31.7 32.6 31.8 32.6 31.8 32.6  | Mini-<br>mum.<br>°C.<br>24.8<br>25.4<br>28.2<br>22.3<br>22.6<br>22.4<br>22.5<br>23.1<br>21.7<br>23.2<br>22.4<br>21.5<br>22.5  | Catba Maximum.  °C. 30. 2 30. 2 30. 8 32. 7 32 32. 3 32. 2 32. 4 30. 5 30 30. 2 31. 3   | Mini-mum.  °C. 27 26.9 25.7 23.9 22.8 22.7 21.7 22.8 22.4 21.9 23.3  | Calba<br>Maxi-<br>mum.<br>°C.<br>28.8<br>28.8<br>28.8<br>30.3<br>30.8<br>30.8<br>31.8<br>31.9<br>30.3<br>31.9<br>31.9   | Mini-mum.  27. 2 25. 6 26. 2 27. 5 24. 1 22. 5 24. 1 22. 8 23. 6 22. 8 23. 6 22. 8 23. 6 22. 8 23. 6 22. 8   | Masimum.  °C. 31.6 31.4 30.6 32.2 31.6 31.8 31.8 31.8 31.8 31.8 31.8 30.4   | Mini-<br>mum.<br>°C.<br>27. 2<br>26. 2<br>26. 2<br>24. 8<br>23. 6<br>25. 8<br>25. 2<br>25. 6<br>25. 2<br>25. 2<br>25. 2<br>26. 2   | Rom Maximum.  °C. 30.9 32.3 30.4 31.5 32.9 33.4 32.8 32.8 31.4 31.9 30.7   | blon.  Minimum.  26.7 26.7 24.9 24.6 24.9 22.8 23.7 23.2 22.8 23.7   | Ba  Maximum.  °C. 30 29, 3 30. 5 31. 9 30. 6 31. 9 32. 5 31. 9 32. 7 27. 2 30. 4 30. 3 29. 6  | Mini-<br>mum.<br>25. 4<br>25. 7<br>24. 7<br>24. 7<br>23. 8<br>24. 2<br>24. 3<br>23. 6<br>23. 2<br>24. 8<br>22. 8<br>22. 8<br>23. 9<br>24. 6  | Sorse Maximum.  °C. 29.5 29 31 30 31 32 32.3 31.9 32.2 28.9 31 31.8 30.7   | Minimum.             | Maximum.  °C. 28.9 29.9 28.4 30.8 32.4 32.9 32.3 32.1 32.3 38.8 31.1  | Mi mu 25. 26. 25. 24. 23. 23. 22. 22. 22. 22. 21. 22.  |
| Day. | Maximum.  °C. 32.3 30.7 32.7 32.6 31.7 32.6 31.8 32.6 31.8 32.6 31.8 32.6 31.8  | Mini-<br>mum.<br>°C.<br>24.8<br>25.4<br>23.2<br>22.3<br>22.4<br>22.5<br>23.1<br>21.7<br>23.2<br>22.4<br>22.5<br>22.5  | Catba Maximum.  °C. 30.2 30.2 30.8 32.7 32 32.3 32.3 32.2 32.4 30.5 30 30.2 31.3  | Minimum.  °C. 27 26. 9 25. 7 22. 9 22. 7 22. 8 22. 7 21. 7 23. 5 22. 4   | Maximum.  °C. 28.8 28.8 28.8 30.1 30 30.8 30.4 31.8 31.9 30 31.9  | Minimum.  °C. 27. 2 25. 6 26. 2 27. 5 24. 1 22. 5 23. 3 23. 6 22. 8 23. 7 24. 5 22. 6 22. 8 22. 6 22. 4  | Maximum.  °C. 31.6 31.4 30.6 32.2 31.8 31.8 31.8 31.8 31.8 31.8   | Mini-<br>mum.<br>°C.<br>27. 2<br>26. 2<br>26. 2<br>26. 2<br>23. 6<br>23. 6<br>25. 8<br>25. 8<br>25. 2<br>25. 6<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8 | Rom  Maximum.  °C. 30.9 32.3 30.4 30.4 31.5 32.9 33.4 32.8 28.3 31.4 31.9 30.7 31.5  | blon.  Minimum.  °C. 26.7 24.7 24.9 24.8 22.8 22.8 23.7 23.2 22.8 23.2   | Maximum.  °C. 30 29, 3 30, 5 31, 9 30, 6 31, 9 32, 5 31, 6 31, 9 32 27, 2 30, 4 30, 3   | Mini-mum.  °C. 25.4 25.7 24.7 23.8 24.2 24.8 22.4 23.9 24.6 24.4 24.2 23.5   | Sorso<br>Maximum.<br>°C.<br>29.5<br>29<br>31<br>30<br>31.9<br>32.2<br>28.9<br>31.8<br>30.7<br>30.5<br>29   | Minimum.             | Maximum.  28.9 29.9 28.4 30.8 32.4 32.9 32.3 32.1 32.3 32.1 32.3 31.1 30.8 31.1   | Mii mu 0, 25, 25, 25, 25, 24, 23, 23, 22, 22, 23, 21, 22, 22, 23, 21, 22, 23, 21, 22, 23, 21, 22, 23   |
| Day. | Maximum.  °C. 32.3 30.7 32.7 34.6 31.7 32.6 32.2 32.5 33.3 30.6 31.8 32.6 33.4 31.2 33.1 33.1   | Mini-<br>mum.<br>°C.<br>24.8<br>25.4<br>23.2<br>22.6<br>22.1<br>21.7<br>23.2<br>22.4<br>21.5<br>22.5<br>22.1<br>21.5<br>22.5  | Maximum.  OC. 30.2 30.2 30.8 32.7 32 32.3 32.2 32.4 30.5 30.2 31.3 31.2 29.8 30.1   | Minimum.  °C. 27 26.9 25.7 28.9 22.7 22.8 22.7 21.7 23.5 22.4 21.9 23.3 23 27  | Maximum.  °C. 28.8 28.8 28.8 30.1 30 30.8 30.4 31.9 30 31.9 31.4 32 30 22.8 29.8  | Mini-mum.  °C. 27. 2 25. 6 26. 2 27. 5 23. 3 23. 6 22. 8 22. 6 22. 4 26. 7 23. | Maximum.  °C. 31.6 31.4 30.6 31.8 31.8 31.8 31.8 31.8 31.8 31.8 31.8  | Mini-mum.  °C. 27. 2 26. 2 26. 2 25. 5 24. 8 23. 6 25. 8 25. 2 25. 6 25. 2 24. 8 25. 6 26. 4 26. 4   | Rom  Maximum.  °C. 30.9 32.3 30.4 30.4 31.5 32.9 33.4 32.8 28.3 31.4 31.9 30.7 31.5 29 28.9  | blon.  Minimum.  °C. 26.7 24.7 24.9 24.6 24.9 22.8 23.7 23.2 222.8 23.7 23.2 22.8 23.7 23.2 22.8   | Maximum.  °C. 30 29.3 30.5 31.9 30.6 32.5 31.6 31.9 32 27.2 30.4 30.3 29.6 28 27.3 31.4   | Mini-mum.  °C. 25.4 25.7 24.7 23.8 24.2 24.8 22.3 23.6 23.6 24.4 24.2 24.8 22.3 23.9   | Maximum.  °C. 29.5 29 31 30 31 32 32.3 31.9 32.2 28.9 31 31.8 30.7 30.5  | Minimum.             | Maximum.  °C. 28.9 29.9 28.4 30.8 32.4 32.9 32.3 32.1 32.3 32.1 32.3 32.5 30.8 31 31.1 31.1 31.5 31.9 31.9 31.9 31.9 31.9 31.9  | Mi mu 25, 26, 25, 24, 23, 23, 22, 22, 22, 22, 22, 22, 22, 22   |
| Day. | Maximum.  °C. 32.3 30.7 32.7 34.6 31.7 32.6 31.8 32.6 31.8 32.6 31.8 32.6 31.8 32.3 33.3 30.6 31.8 32.3   | Minimum.  °C. 24.8 25.4 23.2 22.3 22.4 22.5 23.1 21.7 23.2 22.4 21.5 22.5 22.5  | Maximum.  °C. 30.2 30.8 32.7 32.3 32.2 32.4 30.5 30.3 31.2 29.8 30.1 30.5 30.5  | Minimum.   °C.   27   26. 9   25. 7   28. 9   22. 7   22. 8   22. 7   23. 5   22. 4   21. 9   23. 3   23   27   24   23. 2   | Calba<br>Maxi-<br>mum.<br>°C.<br>28.8<br>28.8<br>28.8<br>30.1<br>30.3<br>30.4<br>31.9<br>31.9<br>31.9<br>32.8<br>30.2<br>30.3<br>31.9<br>31.9<br>31.9                               | Minimum.  °C. 27. 2 25. 6 26. 2 27. 5 24. 1 22. 5 24. 1 22. 8 23. 6 22. 8 22. 6 22. 6 22. 6 22. 6 22. 7 23. 7 23. 7 23. 7 23. 7 23. 7  | Maximum.  °C. 31.4 31.4 31.4 31.8 31.8 31.8 31.8 31.4 31.4 31.4 31.4 31.4 31.4 31.4 31.4  | Minimum.  °C. 27. 2 26. 2 26. 2 26. 2 25. 5 24. 8 23. 6 25. 8 25. 2 25. 6 26. 4 25. 6 26. 4 24. 6 25. 2  | Rom  Maximum.  °C. 30.9 32.3 30.4 31.5 32.9 33.4 32.8 28.3 31.4 31.9 30.7 31.5 29 28.9 30.5  | Mini-mum.  | Maximum.  °C. 30 29.3 30.5 31.9 30.6 31.9 32 27.2 30.4 30.3 29.6 28 27.3 31.4 30.5  | Mini-mum.  **C. 25.4 7 24.7 23.8 24.2 24.3 23.6 23.2 24.8 22.3 24.4 4 24.2 23.5 23.8 24.8 24.8   | Maximum.  °C. 29.5 29 31 30 31 32 32.3 31.9 32.2 28.9 31.8 30.7 30.5 29 30.5   | Minimum.             | Maximum.  °C. 28.9 29.9 28.4 30.8 32.4 32.9 32.3 32.1 32.3 328.9 30.8 31 31.1 30.8 25.9 31.1  | Mii<br>mu<br>25.<br>26.<br>25.<br>25.<br>24.<br>23.<br>23.<br>22.<br>22.<br>22.<br>22.<br>22.<br>22.<br>22.<br>23.<br>22.<br>22  |
| Day. | Maximum.  °C. 32.3 30.7 32.7 34.6 31.7 32.6 32.2 32.5 33.3 30.6 31.8 32.6 33.1 31.6 33.1 31.6   | Minimum.  °C. 24.8 25.4 28.2 22.5 22.1 23.1 21.7 23.2 22.4 21.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5  | Catba  Maximum.  °C. 30. 2 30. 2 30. 8 32. 7 32 32. 3 32. 2 32. 3 30. 5 30. 2 31. 3 30. 2 31. 3 30. 5 30. 2 31. 3   | Minimum.  °C. 27 26.9 25.9 22.9 22.7 22.8 22.7 22.1 7 22.4 21.9 23.3 23 23 24 23.2 22.5  | Maximum.  | Minimum.  °C. 27. 2 25. 6 26. 25 24. 1 22. 5 23. 3 23. 6 22. 8 22. 7 23. 7 22. 6 22. 4 26. 7 23. 7 22. 8 23. 7 22. 8   | Maximum.  °C. 31.6 31.4 30.6 31.8 31.8 31.8 31.8 31.8 31.8 31.8 31.8  | Minimum.  °C. 27. 2 26. 2 26. 2 26. 2 24. 8 23. 6 23. 6 25. 2 24. 8 25. 2 25. 6 26. 4 27. 2 26. 6 27. 2 26. 6 27. 2 26. 6 27. 2 26. 6 27. 2 26. 6 27. 2 26. 6 27. 2 26. 6 27. 2 26. 6 27. 2 26. 6 27. 2 26. 6 27. 2 27. 2 28. 8 28. 6 28. 2 28. 6 28. 2 28. 6 28. 2 28. 6 28. 2 28. 6 28. 2 28. 6 28. 2 28. 6 28. 2 28. 6 28. 2 28. 6 28. 2 28. 6 28. 2 28. 2  | Maximum.  °C. 30.9 32.3 30.4 31.5 32.9 33.4 31.9 32.8 32.8 31.4 31.9 30.7 31.5 29 30.5   | blon.  Minimum.  26.7 26.7 24.9 24.6 24.9 22.8 23.7 23.2 22.8 23.7 23.2 22.8 23.7 23.2 22.8 23.7 23.2 22.8   | Maximum.  °C. 30 29, 3 30.5 31.9 30.6 31.9 32.6 31.9 32.6 31.9 32.7 33.1 30.3 32.7 30.3 30.3 30.3 30.3 30.3   | Mini-mum.  °C. 425.7 24.7 24.2 24.8 23.6 22.8 22.8 22.8 22.8 22.8 22.8 22.8 22   | Maximum.  °C. 29.5 29 31 30 31 32 32.3 31.9 32.2 28.9 31 31.8 30.5 29 30.5 32.2 31.5   | Minimum.             | Maximum.  CC. 28.9 29.9 28.4 30.8 32.4 32.3 32.1 32.3 32.1 32.3 32.1 32.3 32.1 32.3 32.1 33.8 31.3 31.3 31.3 31.3 31.3  | Mii mu 25. 26. 25. 24. 23. 23. 22. 22. 22. 22. 23. 22. 24. 23. 22. 24. 23.   |
| Day. | Maximum.  °C. 32.3 30.7 32.7 32.6 31.7 32.6 31.8 32.6 31.8 32.6 31.8 31.8 31.8 32.6 33.4 31.2 31.1 32.2   | Mini-mum.  °C. 24.8 25.4 23.2 22.6 22.4 22.5 23.1 21.7 23.2 22.4 22.5 22.5 22.5 22.6 22.6 22.6 22.6 22.6  | Catba  Maximum.  °C. 30. 2 30. 8 32. 7 32 32. 32. 4 30. 5 30 30. 2 31. 3 31. 2 29. 8 30. 1 30. 5 30. 2 29. 8 30. 1 30. 5  | Minimum.  °C. 27 26. 9 25. 7 28. 9 22. 8 22. 7 21. 7 23. 5 22. 4 21. 9 23. 2 22. 5 22. 5   | Maximum.  Calba  Maximum.  C. 28.8 28.8 28.8 30.1 30.4 31.9 30.4 31.9 30.9 31.4 32 30 28.8 29.8 30.8 30.8   | Mini-mum.  °C. 27. 22.5. 6 26. 2 27. 5. 6 24. 1 22. 5. 23. 3 23. 6 22. 8 23. 7 23. 5 22. 6 22. 6 22. 23. 3 23. 3 23. 3   | Masimum.  °C. 31. 4 31. 4 31. 4 30. 6 32. 2 31. 6 31. 8 31. | Mini-mum.  °C. 27. 2 26. 2 26. 2 26. 2 25. 5 24. 8 25. 2 25. 4 25. 4 25. 4 25. 6 26. 4 25. 2 25.   | Maximum.  °C. 30.9 32.3 30.4 31.5 32.9 33.4 31.5 32.8 31.4 31.9 30.7 31.5 29 28.9 30.5 31.4  | blon.  Minimum.  26. 7 26. 7 24. 7 24. 9 24. 6 24. 9 22. 8 23. 7 23. 2 22. 8 23. 7 23. 2 22. 8 23. 7 22. 2 23. 4 22. 7 23. 2 23. 4 22. 7 23. 2 23. 4 22. 7   | Maximum.  °C. 30 29.3 30.5 31.9 30.6 32.5 31.6 31.9 32 27.2 30.4 30.3 29.6 28 27.3 31.4 30.5 31.3   | Mini-mum.  °C. 25. 4. 7 24. 7 23. 8 24. 2 24. 8 22. 3 23. 6 24. 4 24. 2 24. 8 22. 3 23. 6 24. 4 24. 2 23. 5 23. 6 24. 8 22. 3  | Maximum.  °C. 29.5 31 30 31 32 32.3 31.9 32.2 28.9 31 31.8 30.7 30.5 29 30.5 29 31.5 32.2 31.5   | Minimum.             | Maximum.  °C. 28.9 29.9 28.4 30.8 32.4 30.8 32.1 32.3 28.9 30.8 31.1 31.8 32.3 32.1 33.3 32.1 32.3 32.3 32.3 32.3   | Mii mu 25. 26. 25. 24. 23. 23. 22. 22. 23. 22. 24. 23. 22. 22. 23. 22. 24. 23. 25.   |
| Day. | Maximum.  °C. 32.3 30.7 34.6 31.7 32.6 32.2 32.5 33.3 30.6 31.8 32.6 33.4 31.2 33.1 31.6 32.2 33.3 33.5   | Minimum.  °C. 24.8 25.4 23.2 22.3 22.6 22.1 21.7 23.2 22.4 21.5 22.5 22.5 22.5 22.7 22.6 22.7 22.6  | Maximum.  °C. 30.2 30.2 30.2 30.8 32.7 32 32.3 32.2 30.5 30 30.2 31.3 30.5 30.5 30.5 30.2 31.3 30.5 30.5 30.5 30.5 30.5 30.5 30.5 30  | Minimum.  °C. 27 26. 9 25. 9 22. 9 22. 7 21. 7 22. 8 22. 7 21. 7 23. 9 23. 2 22. 4 21. 9 23. 3 23 27 24 23. 2 22. 5 22 24. 2   | Maximum.  | Minimum.  °C. 27. 2 25. 6 26. 22 27. 5 24. 1 22. 5 23. 3 23. 6 22. 6 22. 6 22. 4 26. 7 28. 7 28. 7 22. 8 23. 3 24. 7   | Masimum.  °C. 31.6 31.4 30.6 31.8 31.8 31.8 31.8 31.8 31.8 31.8 31.8  | Minimum.  °C. 27. 2 26. 2 26. 2 26. 2 24. 8 23. 6 23. 6 25. 2 24. 8 25. 2 25. 6 26. 4 27. 2 26. 6 27. 2 26. 6 27. 2 26. 6 27. 2 26. 6 27. 2 26. 6 27. 2 26. 6 27. 2 26. 6 27. 2 26. 6 27. 2 26. 6 27. 2 26. 6 27. 2 27. 2 28. 8 28. 6 28. 2 28. 6 28. 2 28. 6 28. 2 28. 6 28. 2 28. 6 28. 2 28. 6 28. 2 28. 6 28. 2 28. 6 28. 2 28. 6 28. 2 28. 6 28. 2 28. 2  | Maximum.  °C. 30.9 32.3 30.4 30.4 31.5 32.9 33.4 31.4 31.9 31.5 29 28.9 30.5 31.5 33.9   | blon.  Minimum.  26.7 26.7 24.9 24.9 24.8 23.7 23.2 22.8 23.7 23.2 22.8 22.7 23.2 22.8 23.7 23.2 23.8  | Maximum.  °C. 30 29, 3 30, 5 31, 9 30, 6 32, 6 31, 9 32 27, 22 30, 4 30, 3 29, 6 28 27, 31, 4 30, 3 32, 4 30, 3   | Mini-mum.  °C. 25. 4 25. 7 24. 7 23. 8 24. 2 24. 8 22. 3. 6 23. 2 24. 8 22. 3 23. 9 24. 6 24. 2 24. 2 24. 8 22. 3 23. 9 24. 6 24. 2 24. 2 24. 8 22. 3 23. 9 24. 6 24. 2 24. 2 24. 5 23. 8 24. 3 23. 9 24. 6 24. 2 24. 5 23. 5 23. 5 23. 5  | Maximum.  °C. 29.5 29 31 30 31 32 32.3 31.9 32.2 28.9 31 31.8 30.5 29 30.5 32.2 31.5 32.4  | ogon.  Minimum.      | Maximum.  °C. 28.9 29.9 28.4 30.8 32.4 30.8 32.1 32.3 32.1 32.3 32.1 31.1 30.8 25.9 31.1 31.8   | Mii mu 25. 26. 26. 25. 24. 23. 23. 22. 22. 23. 22. 24. 23. 22. 24. 23. 25. 24. 23. 25. 24. 23. 25. 24. 23. 25. 24.   |
| Day. | Boro  Maximum.  °C. 32.33 30.7 32.7 34.6 32.2 32.5 33.3 30.6 31.8 32.6 33.1.2 33.1.2 33.1.2 33.1.2 33.3 30.6 33.8 32.6 33.8 32.6 33.8 32.6 33.8 32.6 33.8 32.6 33.8 32.6 33.8 32.6 33.8 32.6 33.8 32.6 33.8 32.6 33.8 32.6 33.8 32.6 33.8 32.6 33.8 33.8 33.8 33.8 33.8 | Mini-<br>mum.<br>°C.<br>24.8<br>25.4<br>23.2<br>22.6<br>22.1<br>21.7<br>23.2<br>22.5<br>22.1<br>21.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.6<br>23.1<br>21.5<br>22.5<br>22.6<br>23.7<br>23.8<br>22.6<br>23.8<br>22.6<br>23.8<br>22.6<br>23.1<br>21.5<br>22.5<br>23.8<br>22.6<br>23.8<br>22.6<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>2 | Catba  Maximum.  °C. 30. 2 30. 2 30. 8 32. 7 32 32. 32. 3 32. 2 32. 33. 3 31. 2 32. 33. 1 30. 5 33. 2 33. 2 33. 2 33. 2 33. 5 34. 2 35. 36 36. 1 36. 5 37. 8  | Minimum.  °C. 27 26. 9 25. 7 22. 9 22. 7 22. 8 22. 7 21. 7 21. 7 21. 7 21. 9 23. 3 27 24 22. 25 24. 8  | Maximum.  Calba  Maximum.  Calba  28.8 28.8 28.8 30.1 30 30.8 30.4 31.9 30 31.9 31.9 31.4 32.8 31.3 30.8 30.3 29.2 28.8   | Mini-mum.  °C. 27.2 25.6 26.2 27.5 24.1 22.5 23.3 23.6 22.6 22.6 22.6 22.6 22.7 22.8 23.3 23.3 24.7  | Masimum.  °C. 31.6 31.4 30.6 31.8 31.8 31.8 31.8 31.8 31.8 31.8 31.8  | Mini-mum.  °C. 27.2 26.2 26.2 25.5 24.8 25.6 22.5 6 25.6 25.6 25.6 25.5 24.8 25.2 25.6 26.4 25.2 25.6 26.4 26.6 26.2 26.4 26.6 26.2 26.6 26.6  | Maximum.  °C. 30.9 32.3 30.4 31.5 32.9 33.4 31.5 32.9 30.7 31.5 29 30.5 31.4 30.5 31.9   | blon.  Minimum.  26.7 24.7 24.7 24.9 22.8 23.7 23.7 23.2 22.8 23.7 22.2 23.4 22.7 22.2 23.4 22.7 22.8 23.7 22.8  | Maximum.  °C. 30 30.6 31.9 30.6 31.9 32.27.2 30.3 29.6 28.31.4 30.5 31.3 32.4 30.5 31.3   | Mini-mum.  25. 4 7 24. 7 24. 7 23. 8 24. 2 24. 8 22. 9 24. 6 24. 2 24. 8 24. 9 24. 8 24. 9 24. 8 24. 9 24. 8 24. 9 24. 8 24. 9 | Maximum.  °C. 29.5 29 31 30 31 32 32.3 31.9 32.2 28.9 31.8 30.5 29 30.5 32.2 31.6 32.4 32 27.8   | ogon.  Minimum.      | Maximum.  CC. 28.9 29.9 28.4 30.8 32.4 32.9 32.3 32.1 31.1 31.8 32.9 31.8 32.9 31.4 27.8  | Miimu 25. 24. 25. 24. 23. 22. 22. 24. 23. 25. 24. 25. 24. 25. 25. 24. 25. 25. 24. 25. 25. 24. 25. 25. 25. 25. 25. 25. 25. 25. 25. 25 |
| Day. | Maximum.  °C. 32.3 30.7 32.7 34.6 31.7 32.6 31.8 32.6 31.8 32.6 31.8 32.6 33.1 31.6 32.2 33.1 31.6 32.8 33.8  | Mini-mum.  °C. 24.8 25.4 23.2 22.3 22.6 22.4 22.5 23.1 21.7 23.2 22.5 22.5 22.5 22.7 22.6 22.7 22.6 22.7 22.6 22.7 22.6 22.7 22.6 22.7 22.6 22.7 22.6 22.7 22.6 22.7 22.6 22.7 22.6 22.7 22.6 23.2 22.7 22.6 23.2 22.7 22.6 23.2 24.2 22.3  | Maximum.  °C. 30.2 30.8 32.7 32.3 32.2 32.4 30.5 30.1 30.5 33.12 29.8 30.1 30.5 33.2 27.8 30.5  | logan.  Minimum.  27 26. 9 25. 7 28. 9 22. 7 22. 8 22. 7 21. 7 23. 5 22. 4 21. 9 23. 2 24. 2 24. 2 24. 2 24. 6   | Calba<br>Maxi-<br>mum.<br>°C.<br>28.8<br>28.8<br>28.8<br>30.1<br>30.3<br>30.8<br>31.9<br>30.9<br>31.4<br>32.8<br>30.8<br>30.8<br>30.8<br>30.8<br>30.8<br>30.8<br>30.8<br>30         | Mini-mum.  °C. 27. 2 25. 6 26. 2 27. 5 24. 1 22. 5 24. 1 22. 5 22. 6 22. 6 22. 6 22. 6 22. 6 22. 7 23. 7 24. 5 24. 7 24. 5   | Maximum.  °C. 31.4 31.4 31.4 31.8 31.8 31.8 31.8 31.8 31.8 31.8 31.8  | Minimum.  °C. 27. 2 26. 2 26. 2 24. 8 23. 6 25. 5 8 25. 4 25. 4 24. 6 26. 4 24. 6 25. 2 25 26 25. 2 25. 26 25. 2 25. 26 26. 5  | Rom  Maximum.  °C. 30. 9 32. 3 30. 4 31. 5 32. 9 33. 4 32. 8 28. 3 31. 4 31. 9 30. 7 31. 5 31. 9 30. 7 31. 5 31. 4 31. 3 30. 8 31. 4 31. 3 31. 4 31. 5       | blon.  Minimum.  26.7 26.7 24.7 24.9 24.6 24.9 22.8 23.7 23.2 22.8 23.7 22.7 23.2 22.8 23.4 26.1 23.7 23.2 22.8 23.4   | Ba Maximum.  °C. 30 29, 3 30, 5 31, 9 30, 6 32, 5 31, 6 32, 27, 2 30, 4 30, 3 29, 6 28 27, 31, 3 31, 4 30, 6 26, 2 31, 3 32, 4 30, 6 26, 2 29, 4  | Mini-mum.  °C. 25.4 25.7 24.7 23.8 24.2 24.3 23.6 23.2 24.8 22.3 23.9 24.6 24.2 24.2 23.5 23.8 24.3 23.6 24.4 24.2 24.5 23.5 23.5 23.5 23.5 23.5 23.5  | Maximum.  °C. 29.5 29 31 30 31 32 28.9 31.8 30.7 30.5 29 30.5 32.2 31.5 32.4 32.4 22.8.5   | Minimum.             | Maximum.  °C. 28.9 29.9 28.4 30.8 32.4 30.8 32.1 32.3 32.1 32.3 32.1 32.3 32.1 32.9 30.8 31.1 30.8 25.9 31.4 27.8   | Mi: mu  Q( 25. 26. 25. 25. 24. 23. 23. 22. 22. 22. 22. 24. 23. 25. 24. 23. 25. 24. 23. 24. 23. 24. 23. 24.   |
| Day. | Maximum.  °C. 32.3 30.7 32.7 34.6 31.7 32.6 31.8 32.6 31.8 31.9 33.1 31.8 31.8  | Mini-<br>mum.<br>°C.<br>24.8<br>25.4<br>23.2<br>22.6<br>22.1<br>21.7<br>23.2<br>22.5<br>22.1<br>21.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.6<br>23.1<br>21.5<br>22.5<br>22.6<br>23.7<br>23.8<br>22.6<br>23.8<br>22.6<br>23.8<br>22.6<br>23.1<br>21.5<br>22.5<br>23.8<br>22.6<br>23.8<br>22.6<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>23.8<br>2 | Maximum.  OC. 30. 2 30. 2 30. 8 32. 7 32 32. 3 32. 2 32. 3 30. 2 31. 2 31. 3 30. 1 30. 1 30. 2 31. 3 30. 2 31. 3 30. 6 30. 6 30. 6 30. 6  | Minimum.  °C. 27 26.9 25.7 22.9 22.7 22.8 22.7 21.7 21.7 21.7 21.7 22.4 21.9 23.2 24 22.2 24.8   | Maximum.  Calba  Maximum.  Calba  28. 8 28. 8 28. 8 30. 1 30 30. 8 30. 4 31. 9 31. 9 31. 4 32 30 28. 8 29. 8 31 30. 8 30. 3 29. 2 28. 3 29 31                                       | Minimum.  °C. 27.2 25.6 26.25 24.1 22.5 23.3 23.6 22.8 23.7 22.5 22.6 22.6 22.4 26.7 22.8 23.3 23.3 24.7 22.8  | Masimum.  °C. 31. 6 31. 4 31. 4 30. 6 31. 8   | Mini-mum.  °C. 27. 2 26. 2 26. 2 25. 5 24. 8 25. 2 25. 6 25. 2 24. 8 25. 6 26. 2 26. 6 27. 2 26. 6 27. 2 26. 6 27. 2 26. 6 27. 2 26. 6 28.   | Maximum.  °C. 30.9 32.3 30.4 31.5 32.9 33.4 31.5 32.9 30.7 31.5 29 30.5 31.4 30.5 31.9   | blon.  Minimum.  26.7 26.7 24.7 24.7 24.9 24.6 24.9 22.8 23.7 23.2 22.8 23.7 23.2 22.8 23.7 23.2 22.8 23.7 23.2 22.8 23.7 23.2 23.4 26.1 25.6 26.1 25.6 26.2   | Maximum.  °C. 30 30.6 31.9 30.6 31.9 32.27.2 30.3 29.6 28.31.4 30.5 31.3 32.4 30.5 31.3   | Mini-mum.  25. 4 7 24. 7 24. 7 23. 8 24. 2 24. 8 22. 9 24. 6 24. 2 24. 8 24. 9 24. 8 24. 9 24. 8 24. 9 24. 8 24. 9 24. 8 24. 9 | Maximum.  °C. 29.5 29 31 30 31 32 32.3 31.9 32.2 28.9 31.8 30.5 29 30.5 32.2 31.6 32.4 32 27.8   | ogon.  Minimum.      | Maximum.  CC. 28.9 29.9 28.4 30.8 32.4 32.9 32.3 32.1 31.1 31.8 32.9 31.8 32.9 31.4 27.8  | Mii mu 25. 26. 25. 25. 24. 23. 23. 22. 22. 22. 24. 23. 25. 24. 23. 25. 24. 23. 25. 24. 23. 24. 24. 24. 24. 24. 23.   |
| Day. | Maximum.  °C. 32.3 30.7 32.7 34.6 31.7 32.6 32.2 32.5 33.3 30.6 31.2 31.6 32.2 33.1 31.6 32.2 33.1 31.6 32.2 33.1 31.6 31.9 31.8  | Minimum.  °C. 24.8 25.4 28.2 22.3 22.6 22.5 23.1 21.7 23.2 22.5 22.5 22.5 22.5 22.6 22.6 22.6 22  | Catba  Maximum.  °C. 30. 2 30. 2 30. 8 32. 7 32 32. 3 32. 2 32. 3 30. 5 30. 2 31. 3 30. 5 30. 2 31. 3 30. 5 30. 2 31. 3 30. 5 30. 5 30. 2 31. 3 30. 5 30. 2 31. 3 30. 5 30. 2 31. 3 30. 5 30. 2 31. 3 30. 5 30. 5 30. 2 30. 5 30. 2 30. 5 30. 2 30. 5 30. 2 30. 5 30. 2 30. 5 30. 2 30. 5 30. 2 30. 5 30. 2 30. 5 30. 2 30. 5 30. 2 30. 5 30. 2 30. 5 30. 2 30. 5 30. 2 30. 5 30. 2 30. 5 30. 2 30. 5 30. 2 30. 5 30. 2 30. 5 30. 2 30. 3 30. 2 30. 3 | Minimum.  °C. 27 26.9 28.9 28.9 22.7 21.7 22.8 22.7 21.7 22.4 21.9 23.3 23 27 24.2 24.8 24.4 24.9 23.3 23.3  | Calba<br>Maxi-<br>mum.<br>°C.<br>28.8<br>28.8<br>28.8<br>30.1<br>30.3<br>30.8<br>31.9<br>30.9<br>31.4<br>32.8<br>30.8<br>30.8<br>30.8<br>30.8<br>30.8<br>30.8<br>30.8<br>30         | Minimum.  °C. 27. 2 25. 6 26. 25. 24. 1 22. 5 23. 3 23. 6 22. 8 23. 7 24. 5 26. 3 24. 5 26. 3 24. 5 26. 3  | Masimum.  °C. 31.6 31.4 30.6 31.8 31.8 31.8 31.8 31.8 31.8 31.8 31.8  | Mini-mum.  °C. 27. 2 26. 2 26. 2 28. 8 23. 6 23. 6 25. 5 24. 8 25. 2 25. 6 26. 2 26. 6 26. 2 27. 2 26. 6 27. 2 26. 6 27. 2 26. 6 26.   | Maximum.  °C. 30.9 32.3 30.4 31.5 32.9 33.4 31.9 33.1.5 29 30.5 31.4 30.5 33.9 31.4 31.5 29 31.4 31.5 33.9 33.4  | blon.  Minimum.  26. 7 24. 9 24. 6 24. 9 22. 8 23. 7 23. 2 22. 8 23. 7 23. 2 22. 4 22. 7 23. 2 23. 4 26. 1 28. 7 22. 8 24. 1 25. 6 26. 7 28. 7 28. 7 28. 7 29. 8 29. 7 20. 8 20. 7 20. 8 20. 7 20. 8 20. 7 20. 8 20. 7 20. 8 20. 7 20. 8 20. 8 20. 7 20. 8 20. 8 20. 7 20. 8 2 | Maximum.  °C. 30 29, 3 30, 5 31, 9 30, 6 31, 9 32, 27, 2 30, 4 30, 3 29, 6 28 27, 3 31, 4 30, 6 26, 2 29, 4 30, 3 31, 6 31, 6 31, 9   | Mini-mum.  °C. 425.7 24.7 24.7 24.8 24.8 24.8 22.8 22.8 22.8 22.8 23.8 24.6 24.6 24.2 24.8 22.8 24.8 22.8 24.8 22.8 24.8 24  | Maximum.  °C. 29.5 29 31 30 31 32 32.3 31.9 32.2 28.9 31 31.8 30.7 30.5 32.4 32 27.8 28.5  | ogon.  Minimum.      | Maximum.  CC. 28.9 29.9 28.4 30.8 32.4 32.3 32.3 32.3 32.1 32.3 32.1 32.3 32.1 32.3 32.9 31.1 31.8 32.9 31.1 31.8 32.9 31.1 31.8 32.9 31.4 27.8 32.1 32.3   | Miimu<br>25.<br>26.<br>25.<br>25.<br>24.<br>23.<br>22.<br>23.<br>22.<br>22.<br>24.<br>22.<br>24.<br>23.<br>25.<br>24.<br>22.<br>24.<br>23.<br>24.<br>24.<br>23.<br>24.<br>24.<br>23.<br>24.<br>25.<br>26.<br>26.<br>27.<br>28.<br>28.<br>28.<br>28.<br>28.<br>28.<br>28.<br>28.<br>28.<br>28   |
| Day. | Maximum.  °C. 32.33 30.7 32.7 34.6 32.2 32.5 33.3 30.6 31.8 32.6 33.1 31.6 32.2 33.1 31.6 32.2 33.1 31.6 33.8 31.9 33.1 31.9  | Mini-mum.  °C. 24.8 25.4 23.2 22.6 22.1 21.7 23.2 22.5 22.1 21.5 22.5 22.6 23.7 22.6 23.7 22.6 23.7 22.6 23.7 22.6 23.7 22.6 23.7 22.6 23.7 22.6 23.7 22.6 23.7 22.6 23.7 22.6 23.7 22.6 23.7 22.6 23.6 23.7 22.6 23.6 23.6 23.6 23.6 23.6 23.6 23.6  | Catba  Maximum.  °C. 30.2 30.8 32.7 32 32.3 32.3 32.3 32.3 32.3 32.3 3  | Minimum.  °C. 27 26.9 25.7 23.9 22.8 22.7 21.7 23.5 22.4 21.9 23.3 23 27 24 24.2 24.8 24.6 24.9 23 22.3  | Maximum.  Calba  Maximum.  Ca.  28. 8  28. 8  30. 1  30. 30. 8  30. 4  31. 9  30. 31. 9  31. 4  32. 8  30. 31. 9  31. 30. 2  30. 8  30. 3  29. 2  30. 8  30. 3  29. 2  30. 8  31. 5 | Mini-mum.  °C. 27.2 25.6 26.2 5.24.1 22.5 5.23.3 23.6 22.8 23.7 22.5 6.22.4 26.7 22.8 23.3 24.7 22.8 23.3 24.7 22.8 23.3 24.7 22.8 23.3 24.7 22.8 23.3 24.7 22.8 23.3 24.7 22.8 23.3 24.7 22.8 23.3 24.7 22.8 23.3 24.7 22.8 23.3 24.7 22.8 23.3 24.7 22.8 23.3 24.7 22.8 23.3 24.7 22.8 22.7 22.8 23.3 24.7 22.8 23.3 24.7 22.8 22.7 22.8 23.3 24.7 24.5 24.7 24.7 24.7 24.7 24.7 24.7 24.7 24.7  | Masimum.  °C. 31. 6 31. 4 31. 4 30. 6 31. 8 31. 8 31. 8 31. 8 31. 8 31. 8 31. 8 31. 8 31. 8 31. 6 31. 6 31. 6 31. 6 31. 6 31. 5 29. 8 29. 4 31. 6 31. 6 31. 6 31. 6 31. 6 31. 6 31. 6 31. 6 31. 6 31. 6   | Mini-mum.  °C. 27. 226. 2 26. 2 26. 2 25. 5 24. 8 25. 6 25. 6 25. 6 25. 6 25. 2 24. 8 25. 6 25. 2 24. 8 25. 6 26. 4 25. 6 26. 4 24. 6 25. 2 25 26 26. 5 24. 8  | Maximum.  °C. 30.9 32.3 30.4 31.5 32.9 33.4 31.7 31.5 29 30.5 31.4 31.9 30.5 31.9 30.5 31.9 30.5 31.9 30.7 31.5 31.9 30.7 31.5 31.9 30.7 31.5 31.9 30.7 31.5 | blon.  Minimum.  26.7 24.7 24.7 24.9 24.6 24.9 22.8 23.7 23.2 22.8 23.7 23.2 22.8 23.7 23.2 22.8 23.7 23.2 23.4 26.1 25.6 26 26 28.7 28.1 28.2   | Maximum.  °C. 30 30.5 31.9 30.6 31.9 32.27 230.4 30.3 29.6 28 27.3 31.3 30.5 31.3 32.4 30.5 31.3 32.4 30.5 31.3   | Mini-mum.  25. 47 24. 7 24. 7 23. 8 24. 2 24. 8 24. 8 22. 3 24. 8 22. 3 24. 6 24. 2 24. 8 22. 3 24. 8 25. 8 26. 8 27 28. 8 28. 7 28. 8 28. 7 28. 8 28. | Maximum.  C. 29, 5 29 31 30 31 32 32, 3 31, 9 32, 2 28, 9 31 31, 8 30, 5 32, 2 31, 5 32, 2 31, 6 32, 7 32, 7 32, 7 32, 7 32, 7 32, 7 32, 7 32, 7 32, 7 32, 7                                       | ogon.  Minimum.      | Maximum.  CC. 28. 9 29. 9 28. 4 30. 8 32. 4 32. 9 32. 3 32. 1 31. 1 31. 8 32. 9 31. 4 27. 8 29. 8 32. 1 32. 3 32. 9 31. 4 31. 8 32. 9 31. 4 31. 8 32. 9 31. 4 31. 8 32. 9 31. 4 31. 8 32. 9 31. 4 31. 8 32. 9 31. 4 31. 8 32. 9 31. 4 31. 8 32. 9 31. 4 31. 8 32. 9 31. 4 31. 8 32. 9 31. 4 31. 8 32. 9 31. 4 31. 8 32. 9 31. 4 31. 8 32. 9 31. 4 31. 8 32. 9 31. 4 31. 8 32. 9 31. 8 32. 9 31. 8 32. 9 31. 8 32. 9 31. 8 32. 9 31. 8 | Min mu 25. 24. 23. 23. 22. 22. 24. 23. 25. 24. 23. 25. 24. 23. 25. 24. 23. 24. 23. 24. 24. 23. 24. 24. 23. 24. 24. 23. 24. 24. 25. 26.   |
| Day. | Maximum.  °C. 32.3 30.7 34.6 31.7 32.6 32.2 32.5 33.3 30.6 31.8 31.2 33.1 31.6 31.8 31.2 33.1 31.6 31.8 31.9 31.8   | Minimum.  °C. 24.8 25.4 23.2 22.3 22.6 22.1 21.7 23.2 22.4 21.5 22.5 22.1 21.7 23.2 22.2 22.4 21.5 22.5 22.6 23.6 23.5 22.6 23.5 22.7 22.6 23.7 22.6 23.5 22.8  | Catba  Maximum.  °C. 30.2 30.2 30.8 32.7 32.3 32.2 32.3 30.5 30.3 30.1 30.5 30.5 30.5 30.5 30.5 30.5 30.5 30.5  | Minimum.  °C. 27 26.9 25.7 28.9 22.8 22.7 21.7 28.5 22.4 21.9 23.3 23 27 24 28.2 24.8 24.6 24.9 28 22.7  | Maximum.  | Minimum.  °C. 27. 2 25. 6 26. 2 27. 5 24. 1 22. 5 23. 3 23. 6 22. 8 23. 7 24. 7 24. 5 26. 3 24. 7 24. 5 26. 3 22. 7 24. 5 26. 3  | Masimum.  °C. 31.6 31.4 30.6 32.2 31.6 31.8 31.8 31.8 31.8 31.8 31.8 31.8 31.8  | Mini-mum.  °C. 27. 2 26. 2 26. 2 26. 2 25. 5 2 24. 8 25. 2 25. 6 25. 2 24. 8 25. 6 25. 2 24. 8 25. 6 25. 2 24. 6 25. 2 25. 2 24. 8 25. 6 25. 2 2   | Rom  Maximum.  °C. 30.9 32.3 30.4 30.4 31.5 32.9 33.4 31.4 31.5 29 30.5 31.4 30.5 31.9 33.1 31.5 31.9 32.8 32.8 32.8 32.8 32.8 32.8 32.8 32.8                | blon.  Minimum.  26.7 24.7 24.9 24.9 24.8 23.7 23.2 22.8 23.7 23.2 22.8 23.7 23.2 22.8 24.1 25.6 26 23.7 23.2 23.8 24.1 25.6 26.7 23.2 23.8  | Ba  Maximum.  °C. 30 29, 3 30, 55 31, 9 30, 55 31, 6 32, 5 31, 6 32, 27, 22 30, 4 30, 36 28, 31, 4 30, 6 26, 2 29, 4 32, 8 31, 4 30, 6 26, 2 29, 4 32, 8 31, 6 26, 2 29, 4 32, 8 31, 6 32, 9 30, 9 30 | Mini-mum.  °C. 4 25.7 24.7 23.8 24.2 24.8 22.3 23.6 23.2 24.8 22.3 23.9 24.6 24.2 24.2 24.8 22.3 23.5 23.5 23.5 23.5 23.5 23.5 23.5  | Maximum.  °C. 29.5 29 31 30 31 32 32.3 31.9 32.2 28.9 30.5 32.4 32.4 32.4 32.4 32.5 31.5 32.5 31.5 32.5  | ogon.  Minimum.      | Maximum.  °C. 28.9 29.9 28.4 30.8 32.4 30.8 32.3 32.1 32.3 31.1 30.8 25.9 31.1 31.8 32.9 31.1 31.8 32.9 31.1 31.8 32.9 31.1 31.8 32.9 31.1 31.8 32.9 31.1 31.8 32.9 31.1 31.8   | Min mu 25. 25. 25. 24. 23. 23. 22. 22. 22. 24. 23. 25. 24. 23. 25. 24. 23. 25. 24. 23. 25. 24. 24. 24. 24. 24. 25. 25. 25. 25. 25. 25. 26. 27. 27. 27. 27. 27. 27. 27. 27. 27. 27  |
| Day. | Maximum.  °C. 32.3 30.7 32.7 34.6 32.2 32.2 32.3 30.6 31.8 32.6 33.4 31.2 31.6 32.2 33.1 31.6 32.2 33.1 31.6 31.8 31.9 31.8   | Minimum.  °C. 24.8 25.4 23.2 22.6 22.5 23.1 21.7 23.2 22.4 21.5 22.5 22.5 22.6 23.7 22.6  | Maximum.  OC. 30. 2 30. 2 30. 2 30. 3 30. 2 30. 3 30. 2 31. 3 30. 2 31. 3 30. 1 30. 5 30. 2 31. 3 30. 5 30. 2 31. 3 30. 5 30. 2 31. 3 30. 5 31. 2 30. 5 31. 2 31. 3 31. | Minimum.  °C. 27 26.9 25.7 22.9 22.7 22.8 22.7 22.8 22.7 22.4 21.9 23.2 24.2 24.2 24.2 24.2 24.8 24.6 24.6 24.9 23 22.7 22.7 22.7 22.7 22.7 22.7 22.7 2  | Maximum.  Calba  Maximum.  Calba  28. 8 28. 8 28. 8 30. 1 30 8 30. 4 31. 9 30 31. 9 31. 4 32 30 28. 8 30. 3 29. 2 30. 8 30. 3 29. 2 30. 8 31. 5 32. 3 31. 5 32. 3                   | Minimum.  °C. 27. 2 25. 6 26. 25. 24. 1 22. 5. 23. 3 23. 6 22. 8 23. 7 24. 5 22. 8 23. 3 24. 7 22. 8 23. 3 24. 7 22. 8 23. 3 24. 7 22. 8 23. 3 24. 7 22. 8 23. 3 24. 7 22. 8 23. 3   | Masimum.  °C. 31.6 31.4 30.6 31.8 31.8 31.8 31.8 31.8 31.8 31.8 31.8  | Mini-mum.  °C. 27. 2 26. 2 26. 2 25. 5 24. 8 25. 6 25. 6 25. 6 25. 6 25. 6 25. 6 25. 6 26. 4 26. 6 26. 5 26. 4 26. 6 27. 2 28. 6 28. 6 28. 8 28.   | Maximum.  °C. 30.9 32.3 30.4 31.5 32.9 33.4 32.8 32.8 32.8 31.4 31.9 30.7 31.5 29 30.5 31.9 30.5 31.9 31.4 31.9 32.8   | blon.  Minimum.  26. 7 24. 9 24. 9 24. 6 24. 9 22. 8 23. 7 23. 7 23. 2 22. 8 23. 7 22. 2 24. 2 25. 6 26. 7 28. 7 28. 7 28. 7 29. 7 29. 7 29. 8 29. 7 29. 7 29. 8 29. 7 29. 7 29. 8 29. 7 29. 8 29. 7 29. 7 29. 8 29. 7 29. 8 29. 7 29. 8 29. 7 29. 8 29. 7 29. 8 29. 7 29. 8 29. 7 29. 8 29. 7 29. 8 29. 7 29. 8 29. 7 29. 8 29. 7 29. 8 29. 7 29. 8 29. 7 29. 8 29. 7 29. 8 29. 9 2 | Maximum.  °C. 30 29, 3 30.5 31.9 30.6 31.9 32.5 31.6 31.9 32.27.2 30.4 30.3 29.6 27.3 31.4 30.5 31.6 31.6 31.6 29.4 30.6 31.6 31.6 31.6 32.9 30.9   | Mini-mum.  25. 4 7 24. 7 24. 7 23. 8 24. 2 24. 8 22. 3 23. 6 24. 4 24. 2 24. 5 23. 5 23. 2 24. 8 24. 3 23. 9 24. 6 23. 5 23. 2 24. 5 23. 5 23. 2 24. 5 23. 5 23. 2 24. 5 23. 5 | Sorse<br>Maximum.<br>°C.<br>29.5<br>29.31<br>30.31<br>31.8<br>30.5<br>30.5<br>32.2<br>28.9<br>31.8<br>30.5<br>32.4<br>32.2<br>33.1<br>31.8<br>30.5<br>32.5<br>33.1<br>30.5<br>31.7<br>32.5         | ogon.  Minimum.  °C. | Maximum.  CC. 28.9 29.9 28.4 30.8 32.4 32.3 32.1 32.3 32.1 32.3 32.1 32.3 32.1 32.3 32.1 32.3 30.8 31.8 32.9 31.8 32.9 31.8 32.9 31.8 32.9 31.8 32.9 31.8 32.9 31.8 32.9 31.8 32.9 31.8 32.9 31.8 32.9 31.8 32.9 31.8 32.9 31.8   | Min mu 25. 25. 25. 24. 23. 22. 22. 22. 24. 23. 22. 22. 24. 23. 22. 24. 24. 24. 23. 26. 25. 25. 25.   |
| Day. | Maximum.  °C. 32.3 30.7 32.7 32.6 31.7 32.6 31.8 32.6 31.8 31.2 33.1 31.8 31.9 31.8 31.9 31.8 31.9 31.8 31.9  | Minimum.  C. 24.8 25.4 23.2 22.5 22.3 22.5 4 22.5 4 22.5 22.3 22.6 22.4 22.5 22.6 22.6 22.6 22.6 22.6 22.6 22.5 4 22.5 22.6 22.6 22.6 22.5 22.6 22.6 22.5 22.5  | Maximum.  °C. 30.2 30.8 32.2 32.3 32.3 32.2 32.4 30.5 30.1 30.1 30.5 27.8 30.5 27.8 30.6 32.5 33.2 32.1 32.5 33.1 31.2 32.5 33.1 33.5 33.1 33.5 33.1 33.5 33.1 33.5 33.1 33.5 33.1 33.5 33.1 33.5 33.1 33.5 33.1 33.5 33.1 33.1   | Minimum.  °C. 27 26. 9 22. 7 23. 9 22. 7 22. 8 22. 7 23. 5 22. 4 21. 9 23. 2 24. 8 24. 6 24. 9 23 22. 7 22 24. 9 23 22. 7 22 24. 2 24. 9 23 22. 7 24. 9 22. 3  | Maximum.  Calbi Maximum.  C. 28.8 28.8 30.1 30.4 31.9 30.4 31.9 30.2 30.8 31.4 32.9 31.4 32.3 30.8 30.8 31.4 30.8 31.4 30.8 31.4 30.8 31.4 30.8                                     | Minimum.  °C. 27. 2 25. 6 26. 2 27. 5 24. 1 22. 5 23. 6 22. 8 23. 7 23. 5 22. 6 22. 4 26. 7 23. 3 24. 7 24. 5 26. 3 24. 5 26. 3 24. 5 26. 3 24. 5 26. 3 24. 5 26. 3 24. 5 26. 3 24. 5 26. 3 24. 5 26. 3 24. 5 26. 3 24. 5 26. 3 24. 5 26. 3 24. 5 26. 3 24. 5 26. 3 26. 3 27. 22. 8 28. 3  | Maximum.  °C. 31. 4 31. 4 31. 4 30. 6 32. 2 31. 6 31. 8 31. 8 31. 8 31. 8 31. 8 31. 6 31. 8   | Mini-mum.  °C. 27. 2 26. 2 26. 2 26. 2 25. 5 24. 8 25. 2 24. 8 25. 4 25. 6 26. 4 24. 6 25. 2 25 26 26. 5 24. 4 24. 6 26. 2 25 26 26. 5 24. 4 24. 6 26. 2 25 26. 2 28. 6 22. 2 28. 6 24. 6  | Rom  Maximum.  °C. 30.9 32.3 30.4 30.4 31.5 32.9 33.4 32.8 32.8 32.8 32.8 32.8 31.4 31.5 31.5 31.9 31.4 31.5 31.9 31.4 31.5 31.9 31.9                        | blon.  Minimum.  26.7 24.7 24.9 24.9 24.9 22.8 23.7 23.2 22.8 23.7 23.2 22.8 23.7 23.2 22.8 24.1 23.7 23.2 23.4 22.7 23.2 23.4 22.7 23.2 23.4 22.7 23.2 23.4 22.7 23.2 23.4 22.7 23.2 23.4 22.7 23.2 23.4 22.7 23.2 23.4 22.7 23.2 23.4 22.7 23.2 23.4 22.7 23.2 23.4 22.7 23.2 23.4 24.1  | Maximum.  °C. 30 29.3 30.5 31.9 30.6 32.5 31.6 32.9 30.3 29.6 28 27.2 30.4 30.5 31.3 32.9 4 30.6 26.2 29.4 30.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31   | Mini-mum.  25. 4 25. 7 24. 7 23. 8 24. 2 24. 3 23. 6 23. 2 24. 8 22. 3 23. 6 24. 4 24. 2 24. 5 23. 5 23. 5 23. 5 23. 5 23. 5 23. 5 23. 5 23. 5 23. 5 23. 5 23. 5 23. 5 24. 8 24. 8 24. 8 24. 8 24. 8 24. 8 24. 8 24. 8   | Maximum.  °C. 29.5 31 30 31 32 32.3 31.9 32.2 28.9 31.8 30.7 30.5 29 30.5 31.5 31.5 32.4 32 32.5 31.5 30.5 30.5  | ogon.  Minimum.      | Maximum.  C. 28.9 29.9 28.4 30.8 32.4 30.8 32.1 32.3 32.1 32.8 31.1 30.8 31.1 31.8 32.9 31.4 27.8 32.1 32.5 33.8 31.1 31.8 32.9 31.4 30.8   | Min mu 25. 26. 25. 24. 23. 22. 22. 23. 21. 22. 24. 23. 25. 24. 23. 25. 24. 23. 24. 23. 24. 23. 24. 24. 24. 24. 25. 25. 25. 24.   |
| Day. | Maximum.  °C. 32.3 30.7 32.7 34.6 31.7 32.6 32.2 32.5 33.3 30.6 31.8 32.6 33.1 31.6 32.2 33.1 31.6 32.2 33.1 31.6 31.8 31.9 31.3 31.9 31.3 31.9 31.3 31.9 31.3 31.9   | Minimum.  °C. 24.8 25.4 28.2 22.3 22.6 22.4 22.5 23.1 21.7 23.2 22.4 21.5 22.5 22.5 22.6 23.2 22.6 23.2 22.6 23.3 24.2 22.6 23.6 23.9 24.1 25.5 22.6 23.9 24.2 23.5 22.5 22.5 22.5 22.5 23.7 23.6 23.9 24.1 25.5 25.3 25.5 25.3 25.5 25.5 25.5 25.5   | Catba  Maximum.  °C. 30. 2 30. 8 32. 7 32 32. 3 32. 2 32. 3 33. 2 33. 2 33. 2 33. 2 33. 2 33. 2 33. 2 33. 2 33. 2 33. 2 33. 3 33. 2 33. 2 33. 3 33. 2 33. 3 33. 2 33. 3 33. 2 33. 3 33. 2 33. 3 33. 2 33. 3 33. 2 33. 3 33. 2 33. 3 | logan.  Minimum.  °C. 27 26. 9 25. 9 22. 9 22. 9 22. 1 22. 8 22. 7 24. 2 24. 2 24. 9 23. 3 22. 7 22. 7 22. 7 22. 8 24. 9 23. 3 24. 9 24. 9 25. 6 26. 9 27 28. 8 29. 7 29. 8 29 | Maximum.  | Minimum.  °C. 27.2 25.6 26.25 24.1 22.5 23.3 23.6 22.6 22.4 26.7 22.8 22.6 22.4 26.7 22.8 23.3 24.7 22.8 23.3 24.7 22.8 23.3 24.7 22.8 23.3 24.7 22.8 23.3 24.7 22.8 23.3 24.7 22.8 23.3 24.7 22.8 23.3 24.7 22.8 23.3 24.7 22.8 23.3 24.7 22.8  | Maximum.  °C. 31.6 31.4 31.4 30.6 31.8 31.8 31.8 31.8 31.8 31.8 31.8 31.8   | Minimum.  °C. 27. 2 26. 2 26. 2 26. 2 24. 8 25. 5 24. 8 25. 6 25. 2 24. 8 25. 6 26. 4 24. 6 25. 2 26. 2 26. 2 26. 2 27. 2 28. 6 28.  | Maximum.  °C. 30.9 32.3 30.4 31.5 32.9 33.4 31.9 33.1.5 29 30.5 31.4 30.5 33.9 31.4 31.9 33.4 31.9 33.15   | blon.  Minimum.  26. 7 24. 9 24. 6 24. 9 22. 8 23. 7 23. 2 22. 8 23. 7 23. 2 22. 4 22. 7 23. 2 24. 1 25. 6 26. 7 27 28. 2 29. 4 20. 7 20. 2 20. 4 20. 7 20. 2 20. 4 20. 7 20. 2 20. 4 20. 7 20. 2 20. 4 20. 7 20. 2 20. 4 20. 7 20. 2 20. 4 20. 7 20. 2 20. 4 20. 7 20. 2 20. 4 20. 2 20. 2 20. 2 20. 2 20. 3 20. 2 20. 3 20. 2 20. 3 20. 2 20. 3 20. 2 20. 3 20. 3 20. 2 20. 3 20.  | Maximum.  °C. 30 29, 3 30, 5 31, 9 30, 6 31, 9 32, 6 31, 9 32, 27, 2 30, 4 30, 3 29, 6 28 27, 3 31, 4 30, 6 28, 27, 3 31, 4 30, 6 28, 27, 3 31, 4 30, 6 29, 3 31, 6 31, 6 29 30, 3 30, 8              | Mini-mum.  °C. 4 25. 7 24. 7 24. 2 25. 7 24. 8 24. 8 22. 8 23. 5 23. 7 24. 8 23. 5 23. 7 24. 8 23. 5 23. 4 24. 5 23. 5 23. 4 24. 8   | Maximum.  °C. 29.5 29 31 30 31 32 32.3 31.9 32.2 28.9 31 31.8 30.5 32.4 32 27.8 28.5 31.7 30.5 32.4 32 31.7 30.5 32.4 32 30.5 32.4 32 30.5 32.4 32 30.5 32.5 30.5 32.4 32 30.5 30.5 30.5 30.5 30.5 | ogon.  Minimum.      | Maximum.  CC. 28.9 29.9 28.4 30.8 32.4 32.3 32.1 32.1 32.3 32.1 32.1 32.3 32.9 31.8 31.8 32.9 31.8 32.9 31.4 31.8 32.9 31.4 31.7  | Min mu 25. 26. 25. 24. 23. 22. 22. 24. 23. 22. 24. 24. 24. 24. 25. 25. 25. 25. 25. 25. 25. 25. 25. 25  |
| Day. | Maximum.  °C. 32.3 30.7 32.6 32.2 32.5 33.3 30.6 31.8 32.6 33.4 31.2 33.1 31.6 32.2 33.1 31.8 31.9 33.1 31.8 31.9 31.8 31.9 31.8 31.9 31.8 31.9 31.8 31.9   | Minimum.  C. 24.8 25.4 23.2 22.5 22.3 22.5 4 22.5 4 22.5 22.3 22.6 22.4 22.5 22.6 22.6 22.6 22.6 22.6 22.6 22.5 4 22.5 22.6 22.6 22.6 22.5 22.6 22.6 22.5 22.5  | Maximum.  °C. 30.2 30.8 32.2 32.3 32.3 32.2 32.4 30.5 30.1 30.1 30.5 27.8 30.5 27.8 30.6 32.5 33.2 32.1 32.5 33.1 31.2 32.5 33.1 33.5 33.1 33.5 33.1 33.5 33.1 33.5 33.1 33.5 33.1 33.5 33.1 33.5 33.1 33.5 33.1 33.5 33.1 33.1   | Minimum.  °C. 27 26. 9 22. 7 23. 9 22. 7 22. 8 22. 7 23. 5 22. 4 21. 9 23. 2 24. 8 24. 6 24. 9 23 22. 7 22 24. 9 23 22. 7 22 24. 2 24. 9 23 22. 7 24. 9 22. 3  | Maximum.  Calbi Maximum.  C. 28.8 28.8 30.1 30.4 31.9 30.4 31.9 30.2 30.8 31.4 32.9 31.4 32.3 30.8 30.8 31.4 30.8 31.4 30.8 31.4 30.8 31.4 30.8                                     | Minimum.  °C. 27. 2 25. 6 26. 2 27. 5 24. 1 22. 5 23. 6 22. 8 23. 7 23. 5 22. 6 22. 4 26. 7 23. 3 24. 7 24. 5 26. 3 24. 5 26. 3 24. 5 26. 3 24. 5 26. 3 24. 5 26. 3 24. 5 26. 3 24. 5 26. 3 24. 5 26. 3 24. 5 26. 3 24. 5 26. 3 24. 5 26. 3 24. 5 26. 3 24. 5 26. 3 26. 3 27. 22. 8 28. 3  | Maximum.  °C. 31. 4 31. 4 31. 4 30. 6 32. 2 31. 6 31. 8 31. 8 31. 8 31. 8 31. 8 31. 6 31. 8   | Mini-mum.  °C. 27. 2 26. 2 26. 2 26. 2 25. 5 24. 8 25. 2 24. 8 25. 4 25. 6 26. 4 24. 6 25. 2 25 26 26. 5 24. 4 24. 6 26. 2 25 26 26. 5 24. 4 24. 6 26. 2 25 26. 2 28. 6 22. 2 28. 6 24. 6  | Rom  Maximum.  °C. 30.9 32.3 30.4 30.4 31.5 32.9 33.4 32.8 32.8 32.8 32.8 32.8 31.4 31.5 31.5 31.9 31.4 31.5 31.9 31.4 31.5 31.9 31.9                        | blon.  Minimum.  26.7 24.7 24.9 24.9 24.9 22.8 23.7 23.2 22.8 23.7 23.2 22.8 23.7 23.2 22.8 24.1 23.7 23.2 23.4 22.7 23.2 23.4 22.7 23.2 23.4 22.7 23.2 23.4 22.7 23.2 23.4 22.7 23.2 23.4 22.7 23.2 23.4 22.7 23.2 23.4 22.7 23.2 23.4 22.7 23.2 23.4 22.7 23.2 23.4 22.7 23.2 23.4 24.1  | Maximum.  °C. 30 29.3 30.5 31.9 30.6 32.5 31.6 32.9 30.3 29.6 28 27.2 30.4 30.5 31.3 32.9 4 30.6 26.2 29.4 30.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31   | Mini-mum.  25. 4 25. 7 24. 7 23. 8 24. 2 24. 3 23. 6 23. 2 24. 8 22. 3 23. 6 24. 4 24. 2 24. 5 23. 5 23. 5 23. 5 23. 5 23. 5 23. 5 23. 5 23. 5 23. 5 23. 5 23. 5 23. 5 24. 8 24. 8 24. 8 24. 8 24. 8 24. 8 24. 8 24. 8   | Maximum.  °C. 29.5 31 30 31 32 32.3 31.9 32.2 28.9 31.8 30.7 30.5 29 30.5 31.5 31.5 32.4 32 32.5 31.5 30.5 30.5  | ogon.  Minimum.  °C. | Maximum.  C. 28.9 29.9 28.4 30.8 32.4 30.8 32.1 32.3 32.1 32.8 31.1 30.8 31.1 31.8 32.9 31.4 27.8 32.1 32.5 33.8 31.1 31.8 32.9 31.4 30.8   | Min mu  25. 26. 25. 25. 24. 23. 22. 22. 22. 22. 22. 24. 23. 25. 24. 23. 25. 24. 23. 25. 24. 23. 25. 24. 23. 25. 24. 23. 25. 24. 25.  |

METEOROLOGICAL BULLETIN.

Maximum and minimum temperatures at the stations of the Weather Bureau, October, 1918—Continued.

| _            |   | nay,<br>am.   | : Cala   | pan.   | Vi   | rac.   | Na  | ıga.   | Tig   | aon.   | Bata  | ngas.   | Luc   | ena.   | Atin  | onan   |
|--------------|---|---|--|--|--|--|---|--|---|--|---|---|---|--|---|--|
| Day.         | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Min  |
|              | °C.   | °C.   | . °C.  | °C.  | °C.  | °C.  | °C.   | °C.  | °C.   | °C.  | °C.   | °C.   | °C.   | °C.  | °C.   | °C.  |
| 1            |   |   | 32   | 24.1   | 29.7   | 23.3   | 28.9  | 22.1<br>23.5   | 28. 9<br>28   | 23.6<br>23.4   | 29.7<br>30.4  | 24.8<br>24.4  | 29. 7<br>30. 5  | 23<br>24.9   | 30. 2<br>32. 2  | 25. 4<br>25  |
|              |   |   | 32<br>33. 5  | 23.5<br>23.5   | 30.5   | 23.6<br>23.5   | 30. 4<br>31. 8  | 22.9   | 30.1  | 24.1   | 31.5  | 24.8  | 30.5  | 24.5   | 32.1  | 26   |
| l            |   |   | 32   | 24   | 32.7   | 23.7   | 29.4  | 22.4   | 29.4  | 23.9   | 28.8  | 24.2  | 30<br>27.8  | 24   | 31.7  | 25.  |
|              |   |   | 32.5   | 23.5   | 32.6   | 22.7   | 32.2  | 22.4   | 31.1  | 24.3   |   | 24.3  | 30.2  | 23.7   | 32.2  | 24.  |
| }<br>        |   |   | 33<br>32   | 22.6<br>22.6   | 33.5<br>32.2   | 22<br>22. 6  | 34<br>34. 4   | 21.6<br>21   | 31. 9<br>33. 4  | 21.3<br>21.3   | 32. 1<br>31. 7  | 24.7<br>23.8  | 31. 2<br>28. 4  | 22. 4<br>22  | 34. 2<br>33   | 23.<br>23.   |
| 3            |   |   | 32.3   | 23   | 31.7   | 21.5   | 34.9  | 21.5   | 32  | 21.4   | 31.8  | 22.9  | 28. 8?  |  | 32.1  | 24   |
|              |   |   | 33   | 23   | 32<br>28.5   | 21.1   | 32.5  | 20.3   | 31.6  | 20.4   | 31.8  | 22.4<br>22.1  | 30<br>26.5  | 22.6   | 29.7<br>26.9  | 23.<br>23.   |
|              |   |   | 30. 2<br>32. 6   | 23.5<br>22.1   | 31.5   | 21. 5<br>20. 5   | 32, 1<br>32, 7  | 20.1   | 29.7<br>31  | 20.8<br>21.5   | 29. 4<br>30. 7  | 21.6  | 28.6  | 21. 4  | 28.3  | 23.  |
|              |   |   | 30.5   | 22.5   | 30.5   | 20.6   | 31.5  | 19.6   | 31.3  | 19.8   | 29.8  | 22.6  | 29.5  | 22.3   | 28.6  | 22.  |
|              |   |   | 32.5   | 23   | 30.3   | 21<br>21. 5  | 29.5  | 20.9<br>21.1   | 29.6<br>30.4  | 21.2   | 30. 7<br>31. 6  | 22.5<br>22.5  | 28. 9<br>29. 9  | 22.7<br>22.2   | 29. 1<br>31. 2  | 24.<br>23.   |
|              |   |   | 32<br>32.1   | 22<br>18.4   | 30<br>26.5   | 21. 7  | 31.5<br>25  | 21.1   | 28.8  | 23<br>21. 9  | 27.5  | 21.6  | 24.7  | 21.8   | 25.2  | 23.  |
|              | 30.6  | 25. 2   | 25   | 22   | 30.8   | 22   | 29.5  | 20.7   | 28.7  | 21.4   | 26.2  | 21.8  | 27.5  | 21.9   | 28.1  | 22.  |
|              | 29<br>30. 4   | 24<br>25.6  | 30.5<br>30   | 21. 5<br>23. 5   | 32<br>32   | 23.5<br>23   | 31. 1<br>32. 5  | 19.5<br>21.6   | 30.3<br>31.8  | 21. 4<br>22. 4   | 30. 2<br>29. 2  | 20.6<br>23.7  | 29<br>29  | 22<br>23.5   | 29.9<br>30.5  | 23.<br>26  |
|              | 30.4  | 24.4  | 31.4   | 23.5   | 32.3   | 22.5   | 34.5  | 21.7   | 31.8  | 21. 2  | 29.6  | 24. 3   | 29.2  | 21. 7?   | 31.7  | 24.  |
|              | 27.2  | 24.6  | 32   | 24   | 31.6   | 22.4   | 33.5  | 22   | 31.2  | 21.9   | 31.5  | 23  | 30.2  | 22. 1  | 30.6  | 24.  |
|              | 29<br>30, 2   | 24<br>24  | 32. 1<br>32. 1   | 23. 2<br>23. 6   | 27. 7<br>28. 5   | 22.2<br>22.6   | 28. 4<br>30. 9  | 21. 7<br>22. 4   | 29. 7<br>29. 3  | 23. 9<br>23. 6   | 31. 2<br>27. 2  | 23.6<br>24.4  | 29<br>26. 5   | 23<br>23   | 30.7<br>29.3  | 23.<br>24  |
|              | 30.2  | 24  | 31.5   | 23.0   | 31.7   | 24.0   | 33  | 22.4   | 32  | 23.5   | 30.4  | 24.4  | 30  | 23.5   | 31.6  | 24   |
|              | 30  | 23.2  | 31   | 22.2   | 32.6   | 22.5   | 34.5  | 20. 5  | 31.7  | 20.4   | 31.5  | 22.3  | 30.9  | 22   | 32.6  | 23.  |
|              | 30. 6<br>30. 4  | 25<br>25  | 30.5<br>32   | 21. 5<br>22. 5   | 31. 9<br>31  | 22. 1<br>22. 7   | 34.8<br>33.2  | 20.6<br>20.8   | 31.8<br>30.8  | 20<br>22. 9  | 30. 9<br>32. 5  | 22.6<br>22.4  | 30.6<br>30.5  | 21. 4<br>22. 2   | 32. 4<br>31. 1  | 22.  |
| <del>-</del> | 31. 2   | 25.4  | 31.6   | 23   | 32.7   | 22.6   | 33. 2   | 19. 2  | 32  | 21.3   | 31.6  | 23.3  | 29.4  | 22. 9  | 29.6  | 26.  |
|              | 30.2  | 25, 2   | 31. 5?   | 22.6   | 32.2   | 23. 4  | 35  | 20   | 32.2  | 21.4   | 32.7  | 23.5  |   | 23.3   | 31.4  | 25.  |
|              | 29<br>30. 6   | 23. 4<br>25. 2  | 31.8<br>32.1   | 25<br>24   | 32. 4<br>31. 5   | 22.7<br>23.2   | 31.7<br>34.4  | 20. 5<br>20. 8   | 31. 7<br>32   | 21.8<br>22   | 33<br>33.1  | 22<br>23  | 31.5  |  | 29. 4<br>31. 2  | 25.<br>25.   |
|              | 29.6  | 25. 2   | 32?  | 25. 5  | 29. 5  | 23   | 28. 6   | 21.4   | 30  | 23. 1  | 33  | 23. 9   | 31.5  | 23.9   | 31.1  | 26.  |
| Mean         | 29. 9   | 24.6  | 31.6   | 23   | 31.1   | 22, 4  | 31.9  | 21. 2  | 30.8  | 22.1   | 30.7  | 23. 1   | 29.3  | 22.7   | 30.6  | 24.  |
|              |   |   |  |  |  |  |   | ~  |   |  |   |   |   |  |   |  |
|              |   | ılong,<br>uan.  | Canlu<br>Cala  | bang,<br>mba.  | Para   | cale.  | Santa<br>Lag  | Cruz,<br>una.  | Maı   | nila.  | Anti  | polo.   | Il  | oa.  | San I   | sidro  |
| Day.         | Tana  | uan.  | Cala   | mba.   |  |  | Lag   | una.   |   |  | !   | -<br>   | i   |  |   |  |
| Day,         |   |   |  |  | Para<br>Maxi-<br>mum.  | Mini-<br>mum.  |   |  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | San I<br>Maxi-<br>mum.  | Mir<br>mui   |
|              | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mir<br>mu  |
|              | Maxi-<br>mum.   | Minimum.  | Maxi-<br>mum.<br>°C.<br>31.2   | Mini-<br>mum.  | Maxi-<br>mum.<br>°C.<br>28.2   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.<br>°C.<br>30.4  | Mini-<br>mum.  | Maximum.  | Mini-<br>mum.   | Maximum.  | Mini-<br>mum.<br>°C.<br>21. 9?   | Maxi-<br>mum.<br>°C.<br>30.2  | Mii<br>mu<br>°(  |
|              | Maxi-<br>mum.<br>°C.<br>29.3<br>30.4<br>29.6  | Mini-<br>mum.<br>°C.<br>25. 8<br>25. 8<br>25. 7   | Maxi-<br>mum.<br>°C.<br>31.2<br>32.8<br>32.7   | Mini-<br>mum.<br>°C.<br>23.8<br>23.4<br>24.1   | Maxi-<br>mum.<br>°C.<br>28.2<br>31.5<br>32.8   | Mini-<br>mum.  | Maxi-<br>mum.<br>°C.<br>30.4<br>33<br>32  | Mini-<br>mum.<br>°C.<br>25. 1<br>25. 6<br>25   | Maxi-<br>mum.<br>°C.<br>30.4<br>31.9<br>31.5  | Mini-<br>mum.  °C. 24.4 27.1 26.2  | Maxi-<br>mum.<br>°C.<br>28.5<br>31.1<br>30.2  | Mini-<br>mum.<br>°C.<br>23<br>23, 7<br>23, 5  | Maximum.  °C. 30.6 31.3 29.2  | Mini-<br>mum.<br>°C.<br>21. 9?<br>23. 1<br>22. 6   | Maxi-<br>mum.<br>°C.<br>30.2<br>31.5<br>30.9  | Min<br>mu<br>24.<br>24.<br>24.   |
|              | Maxi-<br>mum.<br>°C.<br>29.3<br>30.4<br>29.6<br>28.3  | Mini-<br>mum.<br>°C.<br>25. 8<br>25. 8<br>25. 7<br>24. 9  | Maxi-<br>mum.<br>°C.<br>31. 2<br>32. 8<br>32. 7<br>30. 6   | Mini-<br>mum.<br>°C.<br>23. 8<br>23. 4<br>24. 1<br>22. 9   | Maxi-<br>mum.<br>°C.<br>28.2<br>31.5<br>32.8<br>31.8   | Mini-<br>mum.<br>°C.<br>25<br>25<br>26<br>26<br>25. 6  | Maximum.  °C. 30.4 33 32 30.1   | Mini-<br>mum.<br>°C.<br>25. 1<br>25. 6<br>25<br>24. 2  | Maxi-<br>mum.<br>°C.<br>30.4<br>31.9<br>31.5<br>30.7  | Mini-<br>mum.<br>°C.<br>24.4<br>27.1<br>26.2<br>24.8   | Maximum.  °C. 28.5 31.1 30.2 28.9   | Mini-<br>mum.<br>°C.<br>23<br>23, 7<br>23, 5<br>23, 1   | Maximum.  °C. 30.6 31.3 29.2 30.9   | Minimum.  °C. 21. 9? 23. 1 22. 6 22. 8   | Maximum.  °C. 30.2 31.5 30.9 30.1   | Min<br>mu<br>24.<br>24.<br>24.<br>24.  |
|              | Maximum.  °C. 29.3 30.4 29.6 28.3 31.2  | Mini-<br>mum.<br>°C.<br>25. 8<br>25. 8<br>25. 7   | Maxi-<br>mum.<br>°C.<br>31.2<br>32.8<br>32.7   | Mini-<br>mum.<br>°C.<br>23. 8<br>23. 4<br>24. 1<br>22. 9<br>23. 4  | Maxi-<br>mum.<br>°C.<br>28.2<br>31.5<br>32.8   | Mini-<br>mum.<br>°C.<br>25<br>25<br>26<br>26<br>25. 6<br>24. 7   | Maxi-<br>mum.<br>°C.<br>30.4<br>33<br>32<br>30.1<br>32.4  | oC. 25. 1 25. 6 25 24. 2 23. 3   | Maxi-<br>mum.<br>°C.<br>30.4<br>31.9<br>31.5<br>30.7<br>29.7  | Mini-<br>mum.  °C. 24.4 27.1 26.2 24.8 24.2  | Maximum.  °C. 28.5 31.1 30.2 28.9 29.3  | Mini-<br>mum.  °C. 23 23.7 23.5 23.1 23.2   | Maximum.  °C. 30.6 31.3 29.2 30.9 30.3  | Mini-<br>mum.<br>°C.<br>21. 9?<br>23. 1<br>22. 6   | Maximum.  °C. 30.2 31.5 30.9 30.1 28.1 32.1   | Min<br>mu<br>24.<br>24.<br>24.<br>24.<br>24.<br>24.  |
|              | Maxi-<br>mum.<br>°C.<br>29.3<br>30.4<br>29.6<br>28.3<br>31.2<br>32.3<br>31.1                  | Mini-<br>mum.<br>°C.<br>25.8<br>25.8<br>25.7<br>24.9<br>23.8<br>22.9  | Maxi-<br>mum.<br>°C.<br>31.2<br>32.8<br>32.7<br>30.6<br>32.8<br>32.2<br>31   | Mini-<br>mum.<br>°C.<br>23. 8<br>23. 4<br>24. 1<br>22. 9<br>23. 4<br>21. 8<br>21. 6  | Maximum.  °C. 28.2 31.5 32.8 31.8 32.6 30.6 31.2   | Mini-<br>mum.<br>°C.<br>25<br>25<br>26<br>25, 6<br>24, 7<br>24, 5  | Maximum.  °C. 30.4 33 32 30.1 32.4 33.1 32.1  | Mini-<br>mum.<br>°C.<br>25. 1<br>25. 6<br>25<br>24. 2<br>23. 3<br>22. 8<br>23. 4   | Maximum.  °C. 30.4 31.9 31.5 30.7 29.7 31.5 31.6  | Mini-<br>mum.  °C. 24.4 27.1 26.2 24.8 24.2 23.5   | Maximum.  °C. 28.5 31.1 30.2 28.9 29.3 31 31.2  | Mini-<br>mum.<br>°C.<br>23<br>23, 7<br>23, 5<br>23, 1<br>23, 2<br>21, 8<br>22, 9  | Maximum.  °C. 30.6 31.3 29.2 30.9 30.3 30.3 31.2  | Minimum.  °C. 21. 9? 23. 1 22. 6 22. 8 22. 8 23. 5 22. 1   | Maximum.  °C. 30.2 31.5 30.9 30.1 28.1 32.1   | Min<br>mu<br>24.<br>24.<br>24.<br>24.<br>24.<br>24.<br>24.   |
|              | Maxi-<br>mum.<br>°C.<br>29.3<br>30.4<br>29.6<br>28.3<br>31.2<br>32.3<br>31.1<br>31.2          | Mini-<br>mum.  °C. 25.8 25.8 25.7 24.9 23.8 22.9 23.8 22.9  | Maxi-<br>mum.<br>°C.<br>31. 2<br>32. 8<br>32. 7<br>30. 6<br>32. 8<br>32. 2<br>31<br>33   | Mini-<br>mum.<br>°C.<br>23. 8<br>23. 4<br>24. 1<br>22. 9<br>23. 4<br>21. 6<br>22. 5  | Maximum.  °C. 28.2 31.5 32.8 31.8 32.6 30.6 30.6 31.2  | Mini-<br>mum.<br>25<br>25<br>26<br>25. 6<br>24. 7<br>24. 5<br>24<br>24. 1  | Maximum.  °C. 30.4 33 32 30.1 32.4 33.1 32.6  | Mini-<br>mum.<br>°C.<br>25. 1<br>25. 6<br>24. 2<br>23. 3<br>22. 8<br>23. 4   | Maxi-<br>mum.<br>°C.<br>30.4<br>31.9<br>31.5<br>30.7<br>29.7<br>31.5<br>31.6<br>31.6  | Mini-<br>mum.<br>°C.<br>24. 4<br>27. 1<br>26. 2<br>24. 8<br>24. 2<br>23. 5<br>24<br>24. 1  | Maximum.  °C. 28.5 31.1 30.2 28.9 29.3 31 31.2 31.5   | Mini-<br>mum.<br>°C.<br>23<br>23, 7<br>23, 5<br>23, 1<br>23, 2<br>21, 8<br>22, 9<br>22, 2   | Maximum.  °C. 30.6 31.3 29.2 30.9 30.3 30.3 31.2 31.8   | Mini-<br>mum.<br>21. 9?<br>23. 1<br>22. 6<br>22. 8<br>22. 8<br>23. 5<br>22. 1  | Maximum.  °C. 30.2 31.5 30.9 30.1 28.1 32.1 32.32.8   | Min mu 24. 24. 24. 24. 24. 24. 24. 23.   |
|              | Maxi- mum.  °C. 29.3 30.4 29.6 28.3 31.1 31.2 31.2 31.2 28.1                                  | Mini-<br>mum.<br>°C.<br>25.8<br>25.7<br>24.9<br>23.8<br>22.9<br>23.23<br>22.7<br>22.4   | Calar<br>Maxi-<br>mum.<br>31.2<br>32.8<br>32.7<br>30.6<br>32.8<br>32.2<br>31<br>33<br>32<br>32.2   | Mini-<br>mum.<br>°C.<br>23. 8<br>23. 4<br>24. 1<br>22. 9<br>23. 4<br>21. 8<br>21. 6  | Maximum.  °C. 28.2 31.5 32.8 31.8 32.6 30.6 31.2   | Mini-<br>mum.<br>°C.<br>25<br>25<br>26<br>25, 6<br>24, 7<br>24, 5  | Maximum.  °C. 30.4 33 32 30.1 32.4 33.1 32.1  | Mini-<br>mum.<br>°C.<br>25. 1<br>25. 6<br>25<br>24. 2<br>23. 3<br>22. 8<br>23. 4   | Maximum.  °C. 30.4 31.9 31.5 30.7 29.7 31.5 31.6  | Mini-<br>mum.  °C. 24.4 27.1 26.2 24.8 24.2 23.5   | Maximum.  °C. 28.5 31.1 30.2 28.9 29.3 31 31.2  | Mini-<br>mum.<br>°C.<br>23<br>23, 7<br>23, 5<br>23, 1<br>23, 2<br>21, 8<br>22, 9  | Maximum.  °C. 30.6 31.3 29.2 30.9 30.3 30.3 31.2  | Mini-<br>mum.  °C. 21. 9? 23. 1 22. 6 22. 8 22. 8 23. 5 22. 1 22 21. 7 22  | Maximum.  °C. 30.2 31.5 30.9 30.1 28.1 32.1   | Min mu 24. 24. 24. 24. 24. 24. 23. 22.   |
|              | Maximum.  °C. 29.3 30.4 29.6 28.3 31.2 32.3 31.1 31.2 31.2 31.2 31.2 31                       | Mini-<br>mum.<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>22. 9<br>23. 8<br>22. 9<br>23. 22. 7<br>22. 4   | Maxi- mum.  °C. 31. 2 32. 8 32. 7 30. 6 32. 8 32. 2 31 33 32 32. 2 32. 2   | Mini-<br>mum.<br>°C.<br>23. 8<br>23. 4<br>24. 1<br>22. 9<br>23. 4<br>21. 8<br>21. 6<br>22. 5<br>21. 6<br>21. 7<br>21. 2  | Maximum.  °C. 28.2 31.5 32.8 31.8 32.6 30.6 30.2 31 30.2 30.6  | Mini-<br>mum.  C. 25 25 26 25.6 24.7 24.5 24 24.1 23.2 24.2  | Maximum.  °C. 30.4 33 32 30.1 32.4 33.1 32.6 31.3 27 31.3   | Mini-<br>mum.<br>°C.<br>25. 1<br>25. 6<br>25<br>24. 2<br>23. 3<br>22. 8<br>23. 4<br>22. 9<br>23. 7<br>22. 1  | Maximum.  °C. 30.4 31.9 30.7 29.7 31.5 30.6 31.6 31.6 27.2 27.2 31.4  | Minimum.  °C. 24.4 27.1 26.2 24.8 24.2 23.5 24 24.1 22.7 23 22.2   | Maximum.  °C. 28.5 31.1 30.2 28.9 29.3 31 31.2 31.5 31.7 26.5 29.6  | Minimum.  °C. 23 23: 7 23: 5 23: 1 23: 2 21: 8 22: 9 22: 2 20: 5 20: 5 20: 6  | Maximum.  °C. 30.6 31.3 29.2 30.9 30.3 30.3 31.2 31.8 31.6 31.2 31.5  | Minimum.  °C. 21. 9? 23. 1 22. 8 22. 8 22. 8 22. 1 22 21. 7 22 20. 8   | Maximum.  °C. 30.2 31.5 30.9 30.1 28.1 32.1 32.32.8 31.6 27 31.4  | Min<br>mu<br>24.<br>24.<br>24.<br>24.<br>24.<br>23.<br>22.<br>23.<br>22.   |
|              | Maximum.  °C. 29.3 30.4 29.6 28.3 31.1 31.2 32.3 31.1 31.2 28.1 32.1 30.6                     | Mini-<br>mum.  °C. 25.8 25.8 25.7 24.9 23.8 22.9 23 23 22.7 22.4 22 22.7  | Cala: Maxi- mum.  °C. 31.2 32.8 32.7 30.6 32.8 32.2 31 33 32 32.2 32.2 32.3 32.3 32.3  | mba.  Mini- mum.  °C. 23.8 23.4 24.1 22.9 23.4 21.6 22.5 21.6 21.7 21.2 21.6   | Maximum.  °C. 28.2 31.5 32.8 31.8 32.6 30.6 31.2 32 31 30.2 30.6 30.5  | Mini-<br>mum.<br>25<br>25<br>26<br>25, 6<br>24, 7<br>24, 5<br>24<br>1<br>23, 2<br>24, 2<br>24, 2<br>24, 2  | Maximum.  °C. 30.4 33 32 30.1 32.4 33.1 32.6 31.3 27 31.3 30.2  | Mini-<br>mum.  °C. 25. 1 25. 6 25. 24. 2 23. 3 22. 8 23. 4 23. 4 22. 9 23. 7 22. 5   | Maximum.  °C. 30.4 31.9 31.5 30.7 31.5 31.6 31.6 31.6 31.6 31.6 31.4 30.4   | Minimum.  °C. 24.4 27.1 26.2 24.8 24.2 23.5 24 24.1 22.7 23 22.2 23.2  | Maximum.  °C. 28.5 31.1 30.2 28.9 29.3 31 31.2 31.5 31.7 26.5 29.6 30.3   | Mini-<br>mum.  °C. 23 23: 7 23: 5 23: 1 23: 2 21: 8 22: 9 22: 22 20: 5 20: 5 20: 6 20: 7  | Maximum.  °C. 30.6 31.3 29.2 30.9 30.3 31.2 31.8 31.6 31.2 31.7   | Mini-<br>mum.  °C. 21. 9? 23. 1 22. 6 22. 8 22. 8 23. 5 22. 1 22 21. 7 22 20. 8 22. 2  | Maximum.  °C. 30.2 31.5 30.9 30.1 28.1 32.1 32.3 32.8 31.6 27 31.4 31.4   | Mii<br>mu<br>24.<br>24.<br>24.<br>24.<br>24.<br>22.<br>23.<br>22.<br>23.<br>22.<br>22.   |
|              | Maximum.  °C. 29.3 30.4 29.6 28.3 31.1 31.2 31.2 31.2 31.3 30.6 31.8                          | Mini-<br>mum.<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>25. 8<br>22. 9<br>23. 8<br>22. 9<br>23. 22. 7<br>22. 4   | Maxi- mum.  °C. 31. 2 32. 8 32. 7 30. 6 32. 8 32. 2 31 33 32 32. 2 32. 2   | Mini-<br>mum.<br>°C.<br>23. 8<br>23. 4<br>24. 1<br>22. 9<br>23. 4<br>21. 8<br>21. 6<br>22. 5<br>21. 6<br>21. 7<br>21. 2  | Maximum.  °C. 28.2 31.5 32.8 31.8 32.6 30.6 30.2 31 30.2 30.6  | Mini-<br>mum.  C. 25 25 26 25.6 24.7 24.5 24 24.1 23.2 24.2  | Maximum.  °C. 30.4 33 32 30.1 32.4 33.1 32.6 31.3 27 31.3   | Mini-<br>mum.<br>°C.<br>25. 1<br>25. 6<br>25<br>24. 2<br>23. 3<br>22. 8<br>23. 4<br>22. 9<br>23. 7<br>22. 1  | Maximum.  °C. 30.4 31.9 30.7 29.7 31.5 30.6 31.6 31.6 27.2 27.2 31.4  | Minimum.  °C. 24.4 27.1 26.2 24.8 24.2 23.5 24 24.1 22.7 23 22.2   | Maximum.  °C. 28.5 31.1 30.2 28.9 29.3 31 31.2 31.5 31.7 26.5 29.6  | Minimum.  °C. 23 23: 7 23: 5 23: 1 23: 2 21: 8 22: 9 22: 2 20: 5 20: 5 20: 6  | Maximum.  °C. 30.6 31.3 29.2 30.9 30.3 30.3 31.2 31.8 31.6 31.2 31.5  | Minimum.  °C. 21. 9? 23. 1 22. 8 22. 8 22. 8 22. 1 22 21. 7 22 20. 8   | Maximum.  °C. 30.2 31.5 30.9 30.1 28.1 32.1 32.32.8 31.6 27 31.4  | Min<br>mu<br>24.<br>24.<br>24.<br>24.<br>24.<br>22.<br>23.<br>22.<br>22.<br>22.<br>22.   |
|              | Maximum.  °C. 29.3 30.4 29.6 28.3 31.2 32.1 31.2 31.2 31.2 31.3 25.8                          | Mini-<br>mum.  °C. 25.8 25.8 25.7 24.9 23.8 22.9 23 22.7 22.4 22 22.7 22.5 22.2.5   | Calar<br>Maxi-<br>mum.<br>°C.<br>31. 2<br>32. 8<br>32. 7<br>30. 6<br>32. 2<br>31<br>32<br>32. 32<br>32. 32<br>32. 32<br>32. 32<br>31. 2<br>31. 2<br>31. 2<br>31. 2 | mba.  Minimum.  °C. 23.8 23.4 24.1 22.9 23.4 21.6 21.6 21.7 21.2 21.6 21.7 21.2 21.6 21.7  | Maximum.  °C. 28.2 31.5 32.8 31.8 32.6 30.6 30.2 31 30.2 30.5 30 30.2 25.2   | Minimum.  25 25 25 26 25.6 24.7 24.5 24 24.2 24.2 24 24 24 24 24 24 24 24 24 24 24 24 24   | Maximum.  °C. 30. 4 33 32 30. 1 32. 1 32. 1 32. 1 32. 3 31. 3 27 31. 3 30. 2 31. 3  | Mini-<br>mum.<br>°C.<br>25. 1<br>25. 6<br>25. 24. 2<br>23. 3<br>22. 8<br>23. 4<br>22. 9<br>23. 7<br>22. 1<br>22. 7<br>22. 7  | Maxi-<br>mum.  °C. 30.4 31.9 31.5 31.6 31.6 27.2 31.4 29.7 31.5 27.3  | Minimum.  °C. 24.4 27.1 26.2 24.8 24.2 23.5 24 22.1 22.7 23 22.2 23.2 22.9 23.2  | Maximum.  °C. 28.5 31.1 30.2 28.9 29.3 31 31.2 31.5 31.7 26.5 29.6 30.3 29.7 31.7 25.2  | Mini-<br>mum.  °C. 23 23, 7 23, 5 23, 1 23, 2 21, 8 22, 9 22, 2 20, 5 20, 6 20, 7 21, 5 21, 3 21, 7   | Maximum.  °C. 30.6 31.3 29.2 30.9 30.3 31.2 31.8 31.6 31.2 31.5 31.7 31.1   | Mini-<br>mum.  °C. 21. 9? 23. 1 22. 8 22. 8 22. 22. 1 22 21. 7 22 20. 8 22. 2 21. 6 20. 4  | Maximum.  °C. 30.2 31.5 30.9 30.1 28.1 32.1 32.1 32.8 31.6 27 31.4 30.6 31 25.6   | Minu 24. 24. 24. 24. 24. 24. 22. 23. 22. 22. 22. 22. 22. 22. 22. 22  |
|              | Maximum.  °C. 29.3 30.4 29.6 28.3 31.2 32.3 31.1 31.2 31.2 31.1 32.1 30.6 31.8 31.3 25.8 25.5 | Mini-mum.  C. 25.8 25.8 25.7 24.9 23.8 22.9 23.8 22.7 22.4 22.7 22.5 22.5 22.5 21.6   | Maxi-mum.  °C. 31.2 32.8 32.7 30.6 32.8 32.2 33.32 32.2 31.9 26.1 28.6   | mba.  Minimum.  °C. 23.8 23.4 24.1 22.9 23.4 21.6 21.6 21.7 21.2 21.6 21.7 21.2 21.6 21.7 21.2   | Maximum.  °C. 28.2 31.5 32.8 31.8 32.6 30.6 31.2 32 31 30.2 30.6 30.5 30 30.2 25.2 29.7  | Minimum.  °C. 25 25 26 24, 7 24, 5 24 24, 1 23, 2 24 24 24 24 24 22 22 22 22 22 23 24 24 24 24 24 22 22 22 22 22 23 24 24 24 24 24 24 24 24 24 24 24 24 24 | Maximum.  °C. 30.4 33 32 30.1 32.4 33.1 32.6 31.3 27 31.3 30.2 31.3 32 26 28.5  | Mini-mum.  °C. 25. 1 25. 6 25 24. 2 23. 3 22. 8 23. 4 22. 9 23. 7 22. 7 22. 7 22. 7 22. 7 22. 2  | Maxi-mum.  °C. 30.4 31.9 31.5 30.7 29.7 31.6 31.6 31.6 27.2 31.4 30.4 29.7 31.5 27.3 28.3   | Minimum.  °C. 24. 4 27. 1 26. 2 24. 8 24. 2 23. 5 24 24. 1 22. 7 23 22. 2 23. 2 23. 2 23. 5 23. 5  | Maximum.  28.5 31.1 30.2 28.9 29.3 31 31.2 31.5 31.7 26.5 29.6 30.3 29.7 31.7 25.2 29   | Minimum.  °C. 23 23, 7 23, 5 23, 1 23, 2 21, 8 22, 9 22, 2 20, 5 20, 6 20, 7 21, 3 21, 7 21, 3  | Maximum.  °C. 30.6 31.3 29.2 30.9 30.3 30.3 31.2 31.8 31.6 31.2 31.5 31.7 27.1 29.7   | Minimum.  °C. 21. 9? 23. 1 22. 6 22. 8 22. 8 22. 1 22 21. 7 22 20. 8 22. 22. 1 20. 4 20 24. 1  | Maximum.  °C. 30.2 31.5 30.9 30.1 28.1 32.1 32.32 32.8 31.6 27 31.4 31.4 31.4 31.6 22.9   | Min<br>mu<br>24.<br>24.<br>24.<br>24.<br>24.<br>22.<br>23.<br>22.<br>22.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.<br>22.<br>23.   |
|              | Maximum.  °C. 29.3 30.4 29.6 28.3 31.2 32.3 31.1 31.2 38.1 30.6 31.8 31.8 31.8 25.8           | Mini-<br>mum.<br>25. 8<br>25. 8<br>25. 8<br>25. 7<br>24. 9<br>23 22<br>22. 7<br>22. 4<br>22. 7<br>22. 5<br>22. 2<br>22. 5<br>21. 6<br>21  | Calar<br>Maxi-<br>mum.<br>°C.<br>31. 2<br>32. 8<br>32. 7<br>30. 6<br>32. 2<br>31<br>32<br>32. 32<br>32. 32<br>32. 32<br>32. 32<br>31. 2<br>31. 2<br>31. 2<br>31. 2 | mba.  Minimum.  °C. 23.8 23.4 24.1 22.9 23.4 21.6 21.6 21.7 21.2 21.6 21.7 21.2 21.6 21.7  | Maximum.  °C. 28.2 31.5 32.8 31.8 32.6 30.6 30.2 32 31 30.2 30.5 30 30.2 25.2  | Minimum.  25 25 25 26 25.6 24.7 24.5 24 24.2 24.2 24 24 24 24 24 24 24 24 24 24 24 24 24   | Maximum.  °C. 30. 4 33 32 30. 1 32. 1 32. 1 32. 1 32. 3 31. 3 27 31. 3 30. 2 31. 3  | Mini-<br>mum.<br>°C.<br>25. 1<br>25. 6<br>25. 24. 2<br>23. 3<br>22. 8<br>23. 4<br>22. 9<br>23. 7<br>22. 1<br>22. 7<br>22. 7  | Maxi-<br>mum.  °C. 30.4 31.9 31.5 31.6 31.6 27.2 31.4 29.7 31.5 27.3  | Minimum.  °C. 24.4 27.1 26.2 24.8 24.2 23.5 24 22.1 22.7 23 22.2 23.2 22.9 23.2  | Maximum.  °C. 28.5 31.1 30.2 28.9 29.3 31 31.2 31.5 31.7 26.5 29.6 30.3 29.7 31.7 25.2  | Mini-<br>mum.  °C. 23 23, 7 23, 5 23, 1 23, 2 21, 8 22, 9 22, 2 20, 5 20, 6 20, 7 21, 5 21, 3 21, 7   | Maximum.  °C. 30.6 31.3 29.2 30.9 30.3 31.2 31.8 31.6 31.2 31.5 31.7 31.1   | Mini-<br>mum.  °C. 21. 9? 23. 1 22. 8 22. 8 22. 22. 1 22 21. 7 22 20. 8 22. 2 21. 6 20. 4  | Maximum.  °C. 30.2 31.5 30.9 30.1 28.1 32.1 32.1 32.8 31.6 27 31.4 30.6 31 25.6   | Mii mu 24. 24. 24. 24. 24. 23. 22. 22. 22. 23. 22. 22. 23. 22.   |
|              | Maximum.  °C. 29.3 30.4 29.6 28.3 31.2 32.3 31.1 31.2 38.1 30.6 31.8 31.8 31.8 25.8           | Mini-<br>mum.<br>25. 8<br>25. 8<br>25. 8<br>25. 7<br>24. 9<br>23. 8<br>22. 9<br>23. 22<br>22. 7<br>22. 4<br>22. 7<br>22. 5<br>22. 5<br>21. 6<br>21. 6<br>23. 3                                      | Maximum.  °C. 31. 2 32. 8 32. 7 30. 6 32. 8 32. 2 31. 33 32 32. 2 31. 9 26. 1 28. 6 29. 8 29. 8  | mba.  Minimum.  °C. 23.8 23.4 24.1 22.9 23.4 21.6 22.5 21.6 22.5 21.6 21.7 21.2 21.6 21.7 21.2 21.6 22.5 21.8 22.6   | Maximum.  °C. 28.2 31.5 32.8 31.8 32.6 30.6 30.6 30.5 30 30.2 25.2 25.2 29.7 30.6 32.3   | Minimum.  °C. 25 25 26 24, 7 24, 5 24 1 28, 2 24, 2 24 24 24 24, 9 22 22, 7 23 24 24 24 24 24 24 24 24 24 24 24 24 24                                      | Maxi-mum.  °C. 30.4 33 32 30.1 32.4 33.1 32.1 32.6 31.3 27 31.3 30.2 31.3 32 26 28.5 30.9 30.6  | Mini-<br>mum.<br>°C.<br>25. 1<br>25. 6<br>24. 2<br>23. 3<br>22. 8<br>23. 4<br>22. 9<br>23. 7<br>22. 1<br>22. 5<br>22. 7<br>23. 2<br>22. 2<br>22. 2<br>23. 2  | Maximum.  °C. 30.4 31.5 30.7 29.7 31.5 31.6 31.6 31.6 31.6 27.2 31.4 30.4 29.7 31.5 27.3 28.2 28.7  | Minimum.  °C. 24.4 27.1 26.2 24.8 24.2 23.5 24 1 22.7 23 22.2 23.2 22.9 23.5 24.1 22.4 23.5  | Maximum.  °C. 28. 5 31. 1 30. 2 28. 9 29. 3 31. 2 31. 5 31. 7 26. 5 29. 6 30. 3 29. 7 25. 2 29 27. 5 29. 3 32. 5                  | Minimum.  °C. 23. 23. 7 23. 5 23. 1 23. 2 21. 8 22. 9 22. 2 20. 5 20. 5 20. 6 20. 7 21. 5 21. 3 21. 7 21. 3 20 22. 9 23   | Maximum.  °C. 30.6 31.8 29.2 30.9 30.3 31.2 31.8 31.6 31.2 31.7 31.1 30.7 27.1 29.7 26.2 26.8   | Minimum.  21. 9? 23. 1 22. 6 22. 8 22. 5 22. 1 22 21. 7 22 20. 8 22. 2 21. 6 20. 4 20 24. 1 21. 4 23. 1  | Maximum.  °C. 30.2 31.5 30.9 30.1 28.1 32.1 32.3 31.6 27 31.4 31.4 30.6 31 25.6 28.9 27 28.3 30.9   | Minmu 24. 24. 24. 24. 22. 23. 22. 23. 22. 23. 22. 23. 22.  |
|              | Maximum.  °C. 29.3 30.4 29.6 28.3 31.2 32.3 31.1 31.2 38.1 30.6 31.8 31.8 31.8 25.8           | Mini-<br>mum.  °C. 25.8 25.8 25.7 24.9 23.8 22.9 23.22 22.7 22.4 22 22.7 22.5 21.6 21 24 23.3 22.7  | Maxi-mum.  °C. 31.2 32.8 32.7 30.6 32.8 32.2 31 33 32 32.2 31.9 26.1 28.6 29.4 29.8 30.8   | Mini-<br>mum.  °C. 23. 8 23. 4 24. 1 22. 9 23. 4 21. 6 22. 5 21. 6 21. 7 21. 5 21. 5 21. 6 20. 4 20. 2? 23. 2  | Maximum.  °C. 28, 2 31, 5 32, 8 31, 8 32, 6 30, 6 30, 2 31, 2 30, 6 30, 5 30 30, 2 25, 2 29, 7 30, 6 32, 3 33 33   | Minimum.  °C. 25 26 25, 66 24, 7 24, 5 24 24, 1 23, 2 24 24 24 24 24 24 24 24 24 24 24 24 24   | Maximum.  °C. 30. 4 33 32 30. 1 32. 4 33. 1 32. 6 31. 3 27 31. 3 30. 2 21 31. 3 32 26 28. 5 30. 6 30. 5 30. 5 30. 5   | Mini-<br>mum.  °C. 25. 1 25. 6 24. 2 23. 3 22. 8 23. 4 22. 9 23. 7 22. 1 22. 7 22. 7 22. 2 22. 2 24. 4 22. 3   | Maximum.  °C. 30.4 31.9 31.5 30.7 31.5 31.6 31.6 31.6 31.4 29.7 31.5 27.3 28.3 28.2 28.7 31.3   | Minimum.  °C. 24.4 27.1 26.2 24.8 24.2 23.5 24.1 22.7 23 22.2 23.2 22.2 23.2 23.2 24.4 24.4 2  | Maximum.  °C. 28.5 31.1 30.2 28.9 331 31.2 31.5 31.7 26.5 29.6 30.3 329.7 31.7 25.2 29 27.5 29.3 32.5                             | Minimum.  °C. 23, 7 23, 5 23, 1 23, 2 21, 8 22, 9 22, 2 20, 5 20, 6 20, 7 21, 5 21, 3 21, 7 21, 3 20 22, 9 23 21, 5   | Maximum.  °C. 30.6 31.3 329.2 30.9 30.3 30.3 31.2 31.6 31.7 31.7 31.7 31.7 31.7 31.7 30.7 27.1 29.7 26.2 26.8 30.9                    | Minimum.  °C. 21. 9? 23. 1 1 22. 6 22. 8 23. 5 22. 1 22. 20. 8 22. 22. 1. 6 20. 4 20. 24. 1 21. 4 23. 1 23. 5 23. 5  | Maximum.  °C. 30.2 31.5 30.9 30.1 28.1 32.1 32.32 32.8 31.6 27 31.4 30.6 31 25.6 28.9 27 28.5 30.9  | Minmu 24. 24. 24. 24. 24. 22. 23. 22. 22. 23. 22. 23. 22. 23. 22. 23.  |
|              | Maximum.  °C. 29.3 30.4 29.6 28.3 31.2 32.3 31.1 31.2 38.1 30.6 31.8 31.8 31.8 25.8           | Mini-<br>mum.  °C. 25.8 25.8 25.7 24.9 23.8 22.9 23.8 22.7 22.4 22.7 22.5 21.6 21.6 21.24 23.3 22.7 23.1 24   | Maxi-mum.  °C. 31.2 32.82 32.7 30.6 32.2 31 32 32.2 31.2 31.2 31.9 26.1 28.6 29.4 29.8 30.8 31.8 30.8  | mba.  Minimum.  °C. 23.8 23.4 24.1 22.9 23.4 21.8 21.6 21.7 21.2 21.6 21.7 21.5 21.6 20.4 20.2? 28.2 21.5 21.6   | Maximum.  OC. 28.2 5 31.5 32.8 31.8 32.6 30.6 31.2 32 30.6 30.5 30.2 25.2 29.7 30.6 32.3 33 33 31 28.9 31.8  | Minimum.  °C. 25 26 25, 6 24, 7 24, 5 24 24, 1 28, 2 24, 2 24, 2 24 24 24 24 24 24 24 24 24 24 24 24 24  | Maxi-mum.  °C. 30.4 33 32 30.1 32.4 33.1 32.1 32.6 31.3 27 31.3 30.2 31.3 32 26 28.5 30.9 30.6  | Mini-<br>mum.<br>°C.<br>25. 1<br>25. 6<br>24. 2<br>23. 3<br>22. 8<br>23. 4<br>22. 9<br>23. 7<br>22. 1<br>22. 5<br>22. 7<br>23. 2<br>22. 2<br>22. 2<br>23. 2  | Maximum.  °C. 30.4 31.5 30.7 29.7 31.5 31.6 31.6 31.6 31.6 27.2 31.4 30.4 29.7 31.5 27.3 28.2 28.7  | Minimum.  C. 24. 4 27. 1 26. 2 24. 8 24. 2 23. 5 24 24. 1 22. 7 23. 2 22. 2 23. 2 22. 9 23. 2 22. 9 23. 2 24. 4 24. 4 28. 9 23. 5 24 24. 4 28. 9 23. 5 24 24. 4 28. 9 23. 5  | Maximum.  °C. 28. 5 31. 1 30. 2 28. 9 29. 3 31. 2 31. 5 31. 7 26. 5 29. 6 30. 3 29. 7 25. 2 29 27. 5 29. 3 32. 5                  | Minimum.  °C. 23. 23. 7 23. 5 23. 1 23. 2 21. 8 22. 9 22. 2 20. 5 20. 5 20. 6 20. 7 21. 5 21. 3 21. 7 21. 3 20 22. 9 23   | Maximum.  °C. 30.6 31.8 29.2 30.9 30.3 31.2 31.8 31.6 31.2 31.7 31.1 30.7 27.1 29.7 26.2 26.8   | Minimum.  21. 97 23. 1 22. 6 22. 8 23. 5 22. 1 22 21. 7 22 20. 8 22. 2 21. 6 20. 4 20. 4 23. 1 23. 5 23. 2 22. 2 22. 2 22. 2 23. 6 24. 1 25. 3   | Maximum.  °C. 30.2 31.5 30.9 30.1 28.1 32.1 32.3 31.6 27 31.4 31.4 30.6 31 25.6 28.9 27 28.3 30.9   | Min mu  (24. 24. 24. 24. 24. 23. 22. 22. 22. 22. 23. 22. 23. 22. 23. 22. 23. 23  |
|              | Maximum.  °C. 29.3 30.4 29.6 28.3 31.2 32.3 31.1 31.2 38.1 30.6 31.8 31.8 31.8 25.8           | Mini-mum.  25.8 25.8 25.7 24.9 23.8 22.7 22.4 22.7 22.4 22.5 22.5 22.5 22.6 21 24 23.3 22.7 24 23.1 24 23.4   | Maxi-mum.  °C. 31.2 32.8 32.7 30.6 32.8 32.2 31.3 32 32.2 30.8 31.2 31.9 26.1 28.6 29.8 29.8 30.8 30.8 31.8 29.9   | mba.  Mini- mum.  °C. 23.8 23.4 24.1 22.9 23.4 21.8 21.6 21.7 21.2 21.6 21.7 21.5 21.6 20.2? 23.2 21.6 20.2? 23.2 21.6 21.7 21.7 21.7 21.7 21.7 21.7 21.7 21.7   | Maximum.  °C. 28.2 31.5 32.8 31.8 32.6 30.6 30.2 30.5 30.2 225.2 7 30.6 32.3 33 31 28.9 31.8 9 31.8 7  | Minimum.  25 25 26 24, 7 24, 5 24 24, 2 24, 2 24 24 24 24 24 24 24 24 24 24 24 24 24   | Maximum.  °C. 30.4 33 32 30.1 32.1 32.6 31.3 30.2 31.3 32.6 28.5 30.9 30.6 32.2 32.1 28.9   | Mini-<br>mum.  °C.   25. 1   25. 6   24. 2   23. 4   22. 9   23. 7   22. 7   22. 7   22. 7   22. 2   24. 4   22. 3   22. 8   23. 4   24. 9   25. 7   26. 7   27. 7   28. 7   29. 8   29. 9   29. | Maximum.  °C. 30.4 31.9 31.5 30.7 29.7 31.6 31.6 31.6 31.6 27.2 31.4 30.4 29.7 31.5 27.3 28.2 28.7 31.3 31.3 31.7 30.6                      | Minimum.  24. 4 27. 1 26. 2 24. 8 24. 2 23. 5 24. 2 23. 2 22. 2 22. 9 23. 2 24. 4 28. 9 23. 5 24 22. 4 23. 9 23. 5   | Maximum.  28.5 31.1 30.2 28.9 29.3 31.7 26.5 31.7 26.5 29.6 30.3 29.7 25.2 29 27.5 31 32.2 29.1 30.4                              | Minimum.  °C. 23 23.7 23.5 23.1 23.2 21.8 22.9 22.2 20.5 20.6 20.7 21.3 21.7 21.3 20 22.9 23 21.7 21.3 20 22.9  | Maximum.  °C. 30.6 31.3 29.2 30.9 30.3 31.2 31.8 31.6 31.7 31.1 30.7 27.1 26.2 26.8 30.9 30.7 31 31.4 27.8                            | Minimum.  °C. 21. 9? 23. 1 22. 6 22. 8 22. 8 22. 1 22. 1. 7 22. 20. 8 22. 2 21. 6 20. 4 20. 1 21. 4 23. 1 23. 5 23. 2 22. 2 22. 2 22. 2 22. 2 22. 2  | Maximum.  °C. 30.2 31.5 30.9 30.1 28.1 32.1 32.8 31.6 27 4 31.4 30.6 31 25.6 28.9 27 5 30.9 30.5 30.6 28  | Min mu 24. 24. 24. 24. 22. 23. 22. 22. 23. 22. 23. 24. 23. 24. 23. 23. 24. 23. 23. 23.   |
|              | Maximum.  °C. 29.3 30.4 29.6 28.3 31.2 32.3 31.1 31.2 38.1 30.6 31.8 31.8 31.8 25.8           | Mini- mum.  °C. 25.8 25.8 25.7 24.9 23.8 22.9 23.8 22.7 22.5 21.6 21.6 21.24 23.3 22.7 23.1 24.22 24.8  | Maxi-mum.  °C. 31.2 32.8 32.7 30.6 32.8 32.2 31 33 32 32.2 32.8 31.9 36.1 28.6 29.8 30.8 31.9 36.9 31.9 32.8   | Mini- mum.  °C. 23. 8 23. 4 24. 1 22. 9 23. 4 21. 8 22. 5 21. 6 21. 7 21. 2 21. 3 21. 6 20. 4 20. 2? 21. 5 21. 5 21. 7 22. 2   | Maximum.  °C. 28.2.8 31.5 32.8 31.8 32.6 30.6 30.2 30.2 30.5 30.2 25.2 29.7 30.6 32.3 31 28.9 31.8 32.7  | Minimum.  C. 25 26 25 26 24, 7 24, 5 24 24, 1 23, 2 24, 2 24, 9 22 22, 7 23 24 24, 9 22 22, 7 23 24 23, 5 23, 5 23, 9 25, 7 23, 8                          | Maximum.  °C. 30.4 33 32 30.1 32.4 33.1 32.6 31.3 32.7 31.3 30.2 31.3 30.2 31.3 30.2 31.3 30.5 30.6 32.2 32.3 31.3  | Mini- mum.  °C.  25. 1  25. 6  24. 2  23. 3  22. 8  23. 4  23. 4  22. 7  22. 7  22. 7  22. 7  22. 7  22. 2  24. 4  22. 9  22. 2  24. 4  22. 9  22. 2  24. 4  22. 3  22. 5  23. 3  22. 5  23. 3  22. 5  23. 3   | Maximum.  °C. 30.4 31.9 31.5 30.7 29.7 31.5 31.6 31.6 27.2 31.4 29.7 31.5 27.3 28.3 28.3 28.3 31.3 31.7 30.6 30.9                           | Minimum.  - °C. 24.4 27.1 26.2 24.8 24.2 23.5 24 24.1 22.7 23 22.2 23.2 22.9 23.5 23.2 21.2 24.4 24.9 23.5 24.2 24.4 24.8 23.9 23.5 24.2 24.8 23.5 24.8 23.5 24.8 23.8   | Maximum.  oC. 28.5 31.1 30.2 28.9 929.3 31.5 31.5 31.7 26.5 29.6 30.3 29.7 25.2 29.3 32.5 31.3 32.2 32.5 31.3 32.3                | Minimum.  oC. 23, 7 23, 5 23, 1 23, 2 21, 8 22, 9 22, 2 20, 5 20, 6 20, 7 21, 5 21, 7 21, 3 21, 7 22, 9 23 21, 7 23, 7 21, 5 21, 7 23, 7 21, 5  | Maximum.  °C. 30.6 31.3 29.2 30.9 30.3 31.2 31.8 31.6 31.2 31.7 31.1 29.7 1 29.7 27.1 29.7 31.3 30.7 31.4 27.8                        | Minimum.   | Maximum.  °C. 30.2 31.5 30.9 30.1 28.1 32.1 32.8 31.6 27 31.4 30.6 31 25.6 28.9 27 28.5 30.4 30.6 30.5 30.5   | Min mu  0(24. 24. 24. 24. 23. 22. 23. 22. 23. 22. 23. 24. 23. 22. 23. 24. 23. 22. 23. 24. 23. 22. 23. 24. 23. 22. 23. 24. 23.  |
|              | Maximum.  °C. 29.3 30.4 29.6 28.3 31.2 32.3 31.1 31.2 38.1 30.6 31.8 31.8 31.8 25.8           | Mini- mum.  °C. 25.8 25.8 25.8 25.9 23.9 23.23 22.7 22.4 22.7 22.5 22.5 21.6 21 24 23.3 22.7 24.4 23.4 22.8 22.8 22.8   | Maxi- mum.  °C. 31.2 32.8 32.7 30.6 32.8 32.2 31 33 32 32.2 32.8 31.9 26.1 28.6 29.8 29.8 30.8 31.9 31.9 31.9 31.9   | Mini- mum.  °C. 23. 8 23. 4 24. 1 22. 9 23. 8 21. 6 22. 5 21. 6 21. 7 21. 2 21. 6 21. 7 21. 2 21. 6 21. 7 21. 2 21. 6 21. 7 21. 2 21. 6 21. 7 21. 5 21. 6 21. 7 22. 1 20. 6 21. 7 22. 1  | Maximum.  °C. 28.2.8 31.5 32.8 31.8 32.6 30.6 31.2 31 30.2 30.5 30.2 25.2 25.2 29.7 30.6 32.3 31 38 31 38 31 38 31 38 31 38 31 38 31 38 31 38 31 38 31 38 31 38 31 38 31 38 31 38 38 31 38 38 38 38 38 38 38 38 38 38 38 38 38 | Minimum.  25 26 25 26 24,7 24,5 24 24,1 23,2 24,2 24 24 24 24 24 24 24 24 24 25 25 26 27 28 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20                   | Maximum.  °C. 30, 4 33, 1 32, 4 33, 1 32, 6 31, 3 32, 7 31, 3 30, 2 31, 3 32, 6 31, 3 32, 6 31, 3 32, 1 32, 8 31, 1 32, 8 31, 1 32, 8                           | Mini- mum.  °C.  25. 1  25. 6  25. 24. 2  23. 3  22. 8  23. 4  23. 4  22. 7  22. 7  22. 7  22. 2  24. 4  22. 3  22. 2  24. 4  22. 3  22. 5  22. 1  22. 1  22. 2  24. 4  22. 3  22. 5  23. 6  24. 9  23. 7  | Maximum.  °C. 30.4 31.9 31.5 30.7 29.7 31.5 31.6 27.2 31.4 29.7 31.5 27.3 28.2 28.7 31.3 31.3 31.7 30.6 30.9 30.8 31.3                      | Minimum.  - °C. 24.4 27.1 26.2 24.8 24.2 23.5 24 24.1 22.7 23 22.2 23.2 23.5 23.5 23.5 24 24.8 28.8 28.5 28.5 28.5   | Maximum.  °C. 28.5 31.1 30.2 28.9 29.3 31.5 31.7 26.5 29.6 30.3 29.7 25.2 29.7 31.7 25.2 29.1 30.4 30.5 30.6                      | Minimum.  °C. 23, 7 23, 5 23, 1 23, 2 21, 8 22, 9 22, 2 20, 5 20, 5 20, 7 21, 5 21, 3 21, 7 21, 3 21, 7 21, 5 22, 9 23 21, 5 21, 5 21, 5 21, 5 21, 5 21, 5 21, 5 21, 5 22, 6  | Maximum.  °C. 30.631.3 29.2 30.9 30.3 31.2 31.8 31.6 31.7 31.17 27.1 29.7 26.2 26.8 30.9 30.7 31.4 27.8 30.5 30.4                     | Minimum.  °C. 97 23.1 22.6 22.8 22.8 22.1 22 20.8 22.2 21.7 22 20.8 22.2 21.4 20 24.1 21.4 23.5 23.2 22.2 22.2 22.2 22.2   | Maximum.  °C. 30.2 31.5 30.9 30.11 28.1 32.1 32.8 31.6 27 31.4 30.6 21 32.8 31.6 28.9 27 28.5 30.9 30.5 30.0 30.6 28.9 30.6 29.8                    | Min mu  °(24. 24. 24. 24. 22. 23. 22. 22. 23.  |
|              | Maximum.  °C. 29.3 30.4 29.6 28.3 31.2 32.3 31.1 31.2 38.1 30.6 31.8 31.8 31.8 25.8           | Mini- mum.  °C. 25.8 25.8 25.7 24.9 23.8 22.9 23.8 22.7 22.4 22.7 22.5 21.6 21 24 23.3 22.7 23.1 24 23.4 22.4 22.4 23.4 22.6 23.4 22.6 23.4 23.6  | Maxi- mum.  °C. 31.2 32.82 32.7 30.6 32.8 32.2 31 32 32.2 31.8 32.9 31.8 29.4 29.8 31.8 29.9 31.8 32.9 31.8 31.8 32.9 31.8 31.8 31.8                               | mba.  Minimum.  °C. 23. 8 23. 4 24. 1 22. 9 23. 4 21. 8 21. 6 21. 7 21. 2 21. 6 21. 7 21. 5 21. 6 21. 7 21. 2 21. 6 21. 7 22. 1 20. 6 21. 7 22. 1 20. 6 21. 6 21. 6 21. 7 22. 1  | Maximum.  OC. 28.2 8 31.8 32.6 30.6 31.2 32 30.5 30.2 30.2 35.2 25.2 29.7 30.6 32.3 33 31 28.9 31.8 32.7 33.2 33.2 31.6 30.8   | Minimum.  °C. 25 26 25, 6 24, 7 24, 5 24 24, 1 28, 2 24, 2 24, 2 24 24 24 24 24 24 24 24 24 24 24 24 24  | Maximum.  °C. 30. 4 33 32 30. 1 32. 6 31. 3 32. 7 31. 3 32. 2 30. 2 30. 5 30. 6 32. 2 32. 1 28. 9 31 31. 1 32. 8 31. 1  | Mini- mum.  °C. 25. 1 25. 6 24. 2 23. 3 22. 8 23. 4 22. 9 23. 7 22. 1 22. 7 22. 7 22. 7 22. 2 24. 4 22. 8 24. 9 23. 7 22. 1 22. 5 23. 8 24. 9 23. 7 22. 1 22. 2 24. 4 22. 3 22. 2 24. 4 22. 3 22. 2 24. 4 22. 3 22. 2 24. 4 22. 3 22. 2 24. 4 22. 3 22. 2 24. 4 22. 3 22. 2 24. 4 22. 3 22. 2 24. 4 22. 3  | Maximum.  °C. 30. 4 31. 9 31. 5 30. 7 31. 5 31. 6 31. 6 31. 6 31. 4 29. 7 31. 5 31. 4 29. 7 31. 5 31. 3 31. 7 30. 6 30. 9 30. 8 31. 3 32. 2 | Minimum.  C. 24. 4 27. 1. 26. 2 24. 8 24. 2 23. 5 24 24. 1 22. 7 23. 2 22. 9 23. 2 22. 9 23. 5 24 24. 4 23. 3 21. 2 24. 4 23. 3 21. 2 24. 4 23. 3 21. 2 24. 8 23. 3 22. 8 23. 5 24 24. 8 23. 3 22. 8 23. 5 24 24. 8 23. 3 22. 8 23. 5 24 24. 8 23. 3 22. 8 23. 5 24 24. 8 23. 3 22. 8 23. 5 23. 1  | Maximum.  | Minimum.  C. 23, 7 23, 5 23, 1 23, 2 21, 8 22, 9 22, 2 20, 5 20, 6 20, 7 21, 5 21, 3 21, 7 21, 5 22, 9 23 21, 7 21, 5 22, 9 23 21, 7 21, 5 22, 9 23 21, 7 21, 5 22, 9 23, 9 24, 6 20, 8                                       | Maximum.  °C. 30.6 31.3 29.2 30.9 30.3 31.2 31.8 31.6 31.7 31.7 31.7 31.1 29.7 27.1 29.7 31.30.7 31.30.7 31.4 27.8 30.5 30.4          | Minimum.  21. 97 23. 1 22. 6 22. 8 23. 5 22. 1 22 21. 7 22 20. 8 22. 2 21. 6 20. 4 20. 1 21. 4 23. 1 23. 5 23. 2 22. 2 | Maximum.  °C. 30.2 31.5 30.9 30.1 32.1 32.1 32.8 31.6 31.4 30.6 31 25.6 28.9 27 28.5 30.9 30.5 30.4 30.6 28 30.6 28 30.6                            | Min mu 24. 24. 24. 24. 24. 22. 23. 22. 22. 23. 22. 23. 24. 23. 23. 23. 23. 23. 23. 23.   |
| 1            | Maximum.  °C. 29.3 30.4 29.6 28.3 31.2 32.3 31.1 31.2 38.1 30.6 31.8 31.8 31.8 25.8           | Minimum.  °C. 25. 8 25. 8 25. 7 24. 9 23. 8 22. 7 22. 4 22 22. 7 22. 5 21. 6 21 24 23. 3 22. 7 22. 5 22. 2 22. 5 21. 6 21. 24 23. 4 22. 8 22. 4 22. 8 22. 4 22. 8 22. 4 22. 6 23. 4 24. 6 23. 4 24. | Maxi-mum.  °C. 31.2 32.8 32.7 30.6 32.8 32.2 31 33 32 32.2 32.2 31.9 36.1 28.6 29.8 30.8 31.9 31.8 31.8 31.8 31.8 31.8 31.8 31.8 31.8                              | mba.  Minimum.  °C. 23. 8 23. 4 24. 1 22. 9 23. 4 21. 6 22. 5 21. 6 21. 7 21. 5 21. 5 21. 5 21. 5 21. 5 21. 5 21. 5 21. 5 21. 5 21. 5 21. 5 21. 7 22. 1 1 20. 6 22. 1 21. 7 22. 1 21. 7 22. 1 21. 5 21. 7 22. 1 21. 5 21. 7 22. 1 21. 7 22. 1 21. 7 22. 1 21. 5 21. 7 22. 1 21. 7 22. 1 21. 7 22. 1 21. 7 21. 5 21. 7 21. 5 21. 7 21. 5 21. 7 21 | Maximum.  °C. 28.2.31.5 32.8 31.8 32.6 30.6 30.5 30.2 25.2 25.2 29.7 30.6 32.3 31 32.9 31.8 32.7 33.2 33.2 33.2 33.2 33.6 30.8   | Minimum.  oC. 25 26 24, 7 24, 5 24 24, 1 23, 2 24, 2 24, 2 24 24 24 24 24 24 24 24 23, 5 23, 9 25 24 24 23, 5 23, 9 25 7 23, 8 23, 8 23, 8 25, 7 25        | Maximum.  °C. 30. 4 33. 32 30. 1 32. 6 33. 1 32. 6 31. 3 32. 7 31. 3 32. 26 30. 9 30. 5 30. 9 30. 6 32. 2 31. 3 32. 3 32. 3 32. 3 30. 6 32. 2 30. 6 30. 6 30. 6 | Mini- mum.  °C. 25. 1 25. 6 25 24. 2 23. 3 22. 8 23. 4 23. 4 22. 9 23. 7 22. 7 22. 7 22. 2 22. 2 24. 4 22. 3 22. 8 24. 9 23. 7 22. 1 22. 5 22. 7 23. 2 24. 4 22. 8 24. 9 23. 7 22. 3 21. 6 22. 8 24. 9 23. 8 24. 9 23. 8 24. 9 23. 8 24. 9 23. 8 24. 9 23. 8 24. 9 23. 8 24. 9 23. 8 24. 9 23. 8 24. 9 23. 8 24. 9 23. 8 24. 9 23. 8 24. 9 23. 8 24. 9 23. 8 24. 9 23. 8   | Maximum.  °C. 30.4 31.5 30.7 29.7 31.5 31.6 31.6 27.2 31.4 30.4 29.7 31.5 27.3 28.3 28.2 28.7 31.3 31.7 30.6 30.9 30.8 31.3 32.8 32.8       | Minimum.  °C. 24.4 27.1 26.2 24.8 24.2 23.5 24.2 22.9 23.5 23.2 23.5 24.2 24.8 23.9 23.5 24.8 23.8 23.5 24.8 23.5 24.8 23.5 24.8 23.8 23.5 24.8 23.8 23.8  | Maximum.  °C. 28.5 31.1 30.2 28.9 29.3 31.7 26.5 29.6 30.3 29.7 31.7 25.2 29 27.5 29.3 32.5 31 32.2 29.1 30.4 30.5 30.5 30.5 30.5 | Minimum.  °C. 23 23. 7 23. 5 23. 1 23. 2 21. 8 22. 9 22. 2 20. 5 20. 6 20. 7 21. 3 21. 7 21. 3 20 22. 9 23 21. 7 21. 3 20 22. 9 23 21. 7 21. 5 22 21. 6 20. 8   | Maximum.  °C. 30.631.3 29.2 30.9 30.3 31.2 31.8 31.6 31.2 31.5 31.7 31.1 30.7 27.1 29.7 26.2 26.8 30.9 30.7 31 31.4 27.8 30.5 30.4    | Minimum.  °C. 21. 9? 23. 1 22. 6 22. 8 22. 8 22. 2 21. 7 22 20. 8 22. 2 21. 4 20 24. 1 23. 5 23. 5 23. 2 22. 2 22. 2 22. 2 22. 2 22. 2 22. 3   | Maximum.  °C. 30.2 31.5 30.9 30.11 28.1 32.1 32.8 31.6 27 31.4 31.4 30.6 31 25.6 28.9 27 28.5 30.9 30.5 30.6 28 30.6 29.8 30.6 29.8 30.6 29.83 31.9 | Min mu 24. 24. 24. 24. 24. 23. 22. 23. 23  |
| 1            | Maximum.  °C. 29.3 30.4 29.6 28.3 31.2 32.3 31.1 31.2 38.1 30.6 31.8 31.8 31.8 25.8           | Mini-mum.  °C. 25.8 25.8 25.7 24.9 23.8 22.7 22.4 22.7 22.5 21.6 21 24 23.3 22.7 23.1 24 22.8 22.8 22.8 22.8 22.8 22.8  | Maxi- mum.  °C. 31.2 32.8 32.7 30.6 32.8 32.2 31 32 32.2 31.9 26.1 28.6 29.8 31.8 29.9 31.8 32.9 31.8 32.9 31.8 31.8 31.8 31.8 31.8 31.8 31.8 31.8                 | mba.  Minimum.  °C. 28.8 23.4 24.1 22.9 23.4 21.8 21.6 22.5 21.6 21.7 21.5 21.6 20.4 20.2? 28.2 21.6 20.6 21.7 21.6 20.6 21.7 22.1 20.6 21.7 22.1 20.6 21.7 22.1 20.6 22.1 21.6 22.1   | Maximum.  °C. 28.2 31.5 32.8 31.8 32.6 30.6 30.5 30.2 255.2 7 30.6 32.3 33 31 128.9 31.8 32.7 33.2 33.2 33.2 33.2 33.2 33.2 33.2   | Minimum.  25 25 26 24,7 24,5 24 24,1 23,2 24,2 24 24 24 24 24 24 24 24 24 25 27 23 26 27 23 26 28 28 28 28 28 28 28 28 28 28 28 28 28                      | Maximum.  °C. 30.4 33 32 30.1 32.4 33.1 32.6 31.3 32 26 28.5 30.6 28.5 30.6 31.8 31.1 32.8 30.6 30.6 30.6   | Mini- mum.  °C. 25. 1 25. 6 25. 24. 2 23. 3 22. 8 23. 4 22. 9 23. 7 22. 1 22. 7 22. 7 22. 2 22. 2 24. 4 22. 3 22. 8 24. 9 22. 3 22. 2 24. 4 22. 3 22. 2 24. 4 22. 3 22. 2 24. 4 22. 3 22. 2 24. 4 22. 3 22. 2 24. 4 22. 3 22. 5 23. 8 24. 9 23. 7 22. 3 22. 2 23. 8 24. 9 23. 7 22. 3 22. 2 23. 8 24. 9 23. 7 22. 3 22. 5 23. 8  | Maximum.  °C. 30. 4 31. 9 31. 5 30. 7 31. 5 31. 6 31. 6 31. 6 31. 4 29. 7 31. 5 31. 4 29. 7 31. 5 31. 3 31. 7 30. 6 30. 9 30. 8 31. 3 32. 2 | Minimum.  24. 4 27. 1 26. 2 24. 8 24. 2 23. 5 24 22. 2 23. 2 22. 2 22. 9 23. 5 23. 2 21. 2 24. 4 23. 9 23. 5 24. 2 24. 8 23. 5 24. 8 23. 5 24. 8 23. 5 24. 8 23. 5 24. 8 23. 5 24. 8 23. 5 24. 8 23. 5 24. 8 23. 5 24. 8 23. 5 24. 8 23. 5 24. 8 23. 5 24. 8 23. 5 24. 8 23. 5 24. 8 24. 8 25. 8 26. 8 27. 8 28. 1 29. 1 20. 1 20. 1 21. 5 | Maximum.  °C. 28.5 31.1 30.2 28.9 29.3 31.7 26.5 31.7 26.5 29.6 30.3 29.7 25.2 29.1 30.4 30.5 30.6 33.1 32.2 33.1 32.2            | Minimum.  C. 23, 7 23, 5 23, 1 23, 2 21, 8 22, 9 22, 2 20, 5 20, 6 20, 7 21, 5 21, 3 21, 7 21, 5 22, 9 23 21, 7 21, 5 22, 9 23 21, 7 21, 5 22, 9 23 21, 7 21, 5 22, 9 23, 9 24, 6 20, 8                                       | Maximum.  °C. 30.6 31.3 29.2 30.9 30.3 31.2 31.8 31.6 31.7 31.1 30.7 27.17 26.2 26.8 30.9 30.7 31 31.4 27.8 30.5 30.4  31.4 31.1 31.3 | Minimum.  21. 9? 23. 1 22. 6 22. 8 22. 8 22. 1 22 21. 7 22 20. 8 22. 2 21. 4 20 24. 1 23. 5 23. 5 23. 2 22. 3 21. 1                      | Maximum.  °C. 30.2 31.5 30.9 30.1 32.1 32.1 32.8 31.6 31.4 30.6 31 25.6 28.9 27 28.5 30.9 30.5 30.4 30.6 28 30.6 28 30.6                            | Mir must 24. 24. 24. 24. 24. 23. 22. 23. 22. 23. 23. 23. 22. 22  |
| 3            | Maximum.  °C. 29.3 30.4 29.6 28.3 31.2 32.3 31.1 31.2 38.1 30.6 31.8 31.8 31.8 25.8           | Mini- mum.  °C. 25.8 25.8 25.7 24.9 23.8 22.9 23.8 22.7 22.4 22.7 22.5 21.6 21 24 23.3 22.7 23.1 24 23.4 22.8 22.4 22.4 22.8 23.4 22.4 22.8 23.4 22.8   | Maxi- mum.  °C. 31.2 32.8 32.7 30.6 32.8 32.2 31 32 32.2 32.8 31.2 36.8 31.2 28.8 29.4 29.8 29.8 29.9 31.3 32.8 30.6 31.9 31.8 30.6 31.9                           | mba.  Minimum.  °C. 23. 8 23. 4 24. 1 22. 9 23. 4 21. 8 21. 6 21. 7 21. 2 21. 6 21. 7 21. 5 21. 6 21. 7 22. 1 20. 6 21. 7 22. 1 20. 6 21. 7 22. 1 20. 6 21. 7 22. 1 20. 6 21. 7 22. 1 20. 6 21. 7 22. 1 20. 6 21. 7 22. 1 20. 6 21. 7 22. 1 20. 6 21. 7 22. 1 21. 6 22. 1 20. 6 21. 7 22. 1 21. 5 22. 4  | Maximum.   | Minimum.  C. 25 26 25 26 24 7 24 24 24 24 24 24 24 24 24 24 24 24 24   | Maximum.  °C. 30.4 33 32 30.1 32.6 31.3 32.7 31.3 32.6 30.5 30.5 30.5 30.5 30.5 30.6 30.6 30.6 30.6   | Mini- mum.  °C. 25. 1 25. 6 24. 2 23. 3 22. 8 23. 4 22. 9 23. 7 22. 7 22. 7 22. 7 22. 7 22. 2 24. 4 22. 8 22. 8 22. 8 22. 8 22. 1 22. 5 22. 1 22. 1 22. 5 23. 8 24. 9 23. 7 22. 1 22. 5 23. 8 24. 9 23. 7 22. 1 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8  | Maximum.  °C. 30.4 31.9 31.5 30.7 31.6 31.6 31.6 31.6 31.6 27.2 31.4 29.7 32.8 28.3 28.3 28.3 28.3 31.3 31.3 31.3 31.3 32.8 32.9 31.4 32.6  | Minimum.  - °C. 24.4 27.1 26.2 24.8 24.1 22.7 23.2 22.9 23.5 23.5 23.5 23.5 23.5 23.5 23.5 23.5  | Maximum.  oC. 28.5 31.1 30.2 28.9 929.3 31.5 31.7 26.5 29.6 30.3 29.7 25.2 29.3 32.5 32.5 32.5 32.2 32.3 32.2 32.3 32.3           | Minimum.  oC. 23, 7 23, 5 23, 7 23, 5 23, 1 23, 2 21, 8 22, 9 22, 2 20, 5 20, 6 20, 7 21, 5 21, 7 21, 3 21, 7 21, 5 21, 7 21, 5 21, 7 21, 5 21, 7 21, 5 21, 7 21, 5 21, 7 22, 9 23, 21, 7 21, 5 22, 9 24, 6 20, 8 20, 9 20, 8 | Maximum.  OC. 30.6 31.3 29.2 30.9 30.3 30.3 31.2 31.8 31.6 31.2 31.7 31.1 29.7 27.1 29.7 26.2 26.8 30.9 30.7 31.4 27.8 30.4 31.4 31.1 | Minimum.  21. 9? 23. 1 22. 6 22. 8 23. 5 22. 1 22 21. 7 22 20. 8 22. 2 21. 6 20. 4 20 24. 1 21. 4 23. 1 23. 1 22. 2 22. 2 22. 2 22. 2 22. 2 22. 2 21. 1  | Maximum.  °C. 30.2 31.5 30.9 30.1 32.1 32.32.8 31.6 31.4 30.6 28.9 27 28.5 30.4 30.6 28.9 30.5 30.5 30.4 30.6                                       | Mirr must continue to the cont |

Maximum and minimum temperatures at the stations of the Weather Bureau, October, 1918—Continued.

|   | Tar   | lac.   | Ва   | ler.  | Dagu   | ıpan.   | Boli   | nao.  | Bag   | uio.  |  | ernan-<br>nion.   | Echa  | agüe.   |
|---|---|--|--|---|--|---|--|---|---|---|--|---|---|---|
| Day.  |   | Mini-<br>mum.  | Maxi-<br>mum.  |   | Maxi-<br>mum.  | Mini-<br>mum.   |  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  |   | Maxi-<br>mum.   | Mini<br>mum   |
| 1   | 33. 6<br>31. 2<br>30. 6<br>30. 6<br>34. 2<br>33. 2<br>34. 3<br>34. 3<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5<br>34. 5 | C. 24. 6 24. 6 24. 6 24. 6 24. 6 24. 6 24. 6 24. 8 23. 6 24. 3 . 5 22. 2 2 23. 1 22. 2 23. 1 23. 5 23. 4 23. 1 23. 2 23. 1 23. 2 23. 1 23. 2 23. 1 23. 2 23. 1 23. 2 23. 1 23. 1 23. 1 23. 1 23. 1 23. 1 | °C. 31.7 32.2 32.7 31.4 33.6 31.1 31.2 28.5 31.9 30.9 29.1 29.2 27.4 28.9 30.6 29.5 31.3 31.3 22.5 30.9 29.2                 | °C. 24.6 24.9 25.2 25.6 24 23.1 23.6 23.7 22.8 21.1 22 21.1 20.4 21.9 24.4 22.4 21.9 24.4 22.3 22.9 21.8 23.5 22.9 23.5 22.9 23.5 22.9 23.5 22.9 23.6 22.4 22.8 23.7  | °C. 31 30,8 29,4 30,7 30,4 32,5 32 32,3 33,4 32,2 32,2 32,8 32,1 30,5 28,4 31,2 32,1 30,7 30,6 27 30,6 31,7 29,5 33,6 33,6                     | °C. 27. 1 25. 2 24. 8 24. 4 24. 2 24. 7 23. 8 23. 2 23. 6 22. 9 23. 3 23. 5 23. 9 22. 4 24. 2 23. 6 23. 9 22. 1 23. 4 24. 2 23. 4 24. 2 25. 6 25. 3 26. 2 26. 2 27. 1 28. 1 29. 1 29. 1 | °C. 30. 9 30. 8 30. 7 31 31. 2 31. 2 30. 8 32. 2 31. 30. 3 30. 3 30. 3 30. 3 31. 5 28. 3 31. 5 28. 3 31. 5 31. 7 31. 7 31. 7 31. 7   | °C. 26.57 26.7 26.24 23.6 24.2 23.7 23.7 23.7 23.7 23.8 25.5 25.5 24.9 24.6 24.5 24.5 25.1 22.2 22.2 22.2 22.2 22.2   | °C. 21. 8 22. 1 19. 3 19. 8 20. 2 21. 9 22. 1 23. 4 22. 6 21. 1 19. 3 16. 8 17. 8 18. 5 23. 3 17. 9 18. 1 19. 3 24. 8 24. 3 22. 5 24. 4   | °C. 15. 7 16. 7 16. 7 16. 8 16. 9 16. 2 15. 3 15. 4 14. 4 14. 9 14. 4 13. 9 14. 3 14. 9 15. 9 16. 2 16. 3 15. 1 16. 1 16. 1 16. 1 16. 1 16. 1                                     | °C. 32.3 31.5 28.4 30.2 31.1 32.3 32.2 31.6 32.4 31.7 31.9 32.1 31.2 33.4 31.8 31.9 32.5 29.4 31.7 32.3 31.7 32.3 31.7 32.3 31.7 32.3 31.7 32.3 31.7 32.3 31.7 32.3 31.7 32.3 31.7 32.3 31.7 | °C. 24. 7 24. 4 24 23. 3 23. 2 22. 8 21. 5 23. 4 24 24 24 25. 5 24. 5 23. 2 24. 5 24  | °C. 28. 4 31.5 32.5 33.4 30.6 33 30.3 30 30 30 28 27 31 27. 4 27 31 32 31.6 30.9 32 8 31.5  | °C. 22. 8 22. 4 23. 1 24. 1 24. 1 24. 1 22. 4 22. 5 22. 4 22. 1 7 21. 5 6 22. 3 23. 3 23. 3 23. 3 23. 3 22. 6 21. 6 21. 6 3 22. 8   |
| Mean  | 32.3  | 23.2   | 30.4   | 23  | 31.2   | 23.8  | 30.7   | 24.2  | 21.5  | 15. 3   | 31.4   | 23, 3   | 30, 6   | 22.6  |
| Day.  |   |  | Can<br>Maxi-   | don.<br>Mi ni-  |  | gan.<br>Mini-   |  | Mini-   |   | oag.  | <u> </u>   | arri.   |   | pe<br>ador.<br>Mini   |
| 1   |   |  | °C.<br>32. 4<br>31<br>30. 2<br>30<br>29. 7<br>31<br>31. 5  | °C.<br>25. 3<br>25. 7<br>25. 6<br>24. 9<br>24. 2  |  | °C. 23. 7 24. 5 23. 7 23. 9 23 23. 5 23. 6 22. 2  |  | °C.<br>22.6<br>23<br>23<br>23.4<br>23.3<br>23.3<br>22.6<br>21.3   | °C. 31.4 29.1 29.4 29.8 29.4 29.4 30.1 31.3 33.2  |   | °C. 30.1 30.5 28.4 31.6 32.7 30.7 30.8   | °C.<br>24.5<br>24.7<br>24.8<br>23.7<br>23.4<br>23.3<br>23.3<br>23.2<br>24.2   |   | °C.<br>22. 8<br>23<br>23. 8<br>24. 8<br>24. 22. 6<br>23. 5<br>23. 4   |
| 7 8 9 9 10 11 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 30 31 |   |  | 31.5<br>32.5<br>32.6<br>31.6<br>32.7<br>31.6<br>32.9<br>29.4<br>31.5<br>31.5<br>31.5<br>31.5<br>31.5<br>31.5<br>31.5<br>31.5 | 24. 7<br>24. 8<br>24. 5<br>25. 4<br>23. 7<br>22. 2<br>24. 7<br>25. 5<br>24. 2<br>24. 5<br>25. 2<br>24. 8<br>25. 2<br>24. 8<br>24. 5<br>22. 5<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>25. 24. 8<br>25. 24. 8<br>26. 26. 8<br>26. 26. 8<br>26. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 26. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8 | 31.8<br>32.8<br>33.1.8<br>31.8<br>30.6<br>28.6<br>31.6<br>32.6<br>32.6<br>32.6<br>32.7<br>32.7<br>30.1<br>32.5<br>32.7<br>32.7<br>33.7<br>33.7 | 22. 8<br>24. 3<br>22. 6<br>24. 2<br>22. 1<br>20. 5<br>23. 5<br>24. 4<br>23. 5<br>24. 8<br>24. 8<br>22. 8<br>22. 8<br>23. 5<br>21. 9<br>22. 5<br>21. 9<br>22. 5<br>22. 6<br>22. 6        | 31. 6<br>30. 6<br>27. 8<br>31. 3<br>30. 5<br>27<br>28<br>30<br>31. 8<br>30. 5<br>27. 2<br>31. 3<br>34. 2<br>29. 4<br>32. 5<br>32. 3<br>33. 3<br>34. 2<br>29. 4<br>32. 5<br>32. 3<br>33. 3<br>34. 2<br>32. 5<br>32. 3<br>33. 3<br>34. 2<br>32. 3<br>33. 3<br>34. 2<br>32. 3<br>33. 3<br>34. 2<br>34. 3<br>35. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. 3<br>36. | 22. 3<br>22. 1<br>22. 7<br>21. 4<br>22. 5<br>24. 1<br>23. 3<br>23. 4<br>23. 2<br>23. 1<br>23. 8<br>23. 2<br>23. 3<br>23. 4<br>23. 2<br>23. 1<br>23. 8<br>23. 2<br>23. 3<br>23. 2<br>23. 3<br>23. 2<br>23. 3<br>23. 2<br>23. 3<br>23. 2<br>23. 3<br>23. 2<br>23. 3<br>23. 2<br>23. 3<br>23. 2<br>23. 3<br>23. 2<br>23. 3<br>23. 2<br>23. 3<br>23. 2<br>23. 3<br>23. 2<br>23. 3<br>23. 2<br>23. 3<br>23. 2<br>23. 3<br>23. 2<br>23. 3<br>23. 2<br>23. 3<br>23. 2<br>23. 3<br>23. 2<br>23. 3<br>23. 2<br>23. 3<br>23. 2<br>23. 3<br>23. 2<br>23. 3<br>23. 2<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>23. 3<br>24. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>25. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3<br>26. 3 | 32. 6<br>28. 9<br>33. 1<br>30. 2<br>36. 8<br>34. 1<br>29. 6<br>31. 3<br>31. 1<br>33. 2<br>28. 4<br>29. 6<br>34. 1<br>31. 3<br>31. 1<br>32. 1<br>33. 1<br>33. 1<br>33. 1<br>33. 1<br>33. 1<br>33. 1<br>33. 1<br>34. 1<br>35. 2<br>36. 3<br>37. 1<br>38. 1<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>39. 6<br>30. 6<br>30. 6<br>30. 6<br>30. 6<br>30. 6<br>30. 6<br>30. 6<br>30. 6 | 22. 2<br>21. 9<br>21. 6<br>22. 6<br>21. 5<br>22. 5<br>23. 9<br>23. 7<br>21. 23<br>23. 4<br>23. 4<br>23. 5<br>21. 8<br>20. 4<br>21. 5<br>21. 8<br>20. 4<br>21. 5<br>21. 8<br>20. 6 | 30.8<br>229.8<br>28.6<br>28.6<br>27.8<br>31.4<br>29<br>27.5<br>28.8<br>29.8<br>29.8<br>27.6<br>31.8<br>33.1<br>27.5<br>30.3<br>30.6<br>31.8<br>33.1<br>30.4<br>31.8                          | 24. 4<br>22. 5<br>23. 2<br>23. 4<br>23. 8<br>24. 2<br>23. 3<br>22. 5<br>23. 2<br>23. 3<br>23. 8<br>23. 3<br>23. 8<br>22. 5<br>23. 2<br>23. 3<br>23. 8<br>24. 2<br>25. 2<br>26. 2<br>27. 2<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8 | 25. 5<br>28. 2<br>28. 2<br>28. 2<br>25. 6<br>28. 9<br>25. 5<br>29. 9<br>30. 2<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8<br>27. 8 | 23. 1<br>23. 2<br>22. 8<br>24<br>23. 6<br>23. 6<br>23. 6<br>23. 8<br>23. 8<br>23. 8<br>24. 2<br>23. 8<br>24. 2<br>23. 8<br>24. 2<br>23. 8<br>24. 2<br>23. 8<br>24. 2<br>23. 8<br>23. 8<br>23. 8<br>24. 2<br>25. 2<br>25. 2<br>25. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. 2<br>26. |

#### SEISMOLOGICAL BULLETIN FOR OCTOBER, 1918.

By REV. MIGUEL SADERRA MASÓ, S. J.,
Chief, Seismic and Magnetic Divisions, Weather Bureau.

#### EARTHQUAKES FELT IN THE PHILIPPINES.1

- 2,  $13^h$   $23^m$   $14^{s*}$  [2,  $21^h$   $23^m$   $14^s$ ]. S Luzon. Earthquake of intensity III—IV felt in the provinces of Manila (Rizal) and Laguna: origin near to the eastern coast.
- 8, 4<sup>h</sup> 17<sup>m</sup> [8, 12<sup>h</sup> 17<sup>m</sup>]. Batanes Islands. Earthquake shocks of intensity V, duration 7 seconds.
- 10,  $21^h$   $8^m$   $8^s*$  [11,  $5^h$   $8^m$   $8^s$ ]. NW Luzon. Oscillatory earthquake, direction W-E, intensity IV, duration 5 seconds, originated close to the NW end of Luzon and felt only in the province of Ilocos Norte.
- 17, 7<sup>h</sup> 18<sup>m</sup> [17, 15<sup>h</sup> 18<sup>m</sup>]. Ambos Camarines. Earthquake of intensity III, felt in the Isarog region.
- 19, 11<sup>h</sup> 7<sup>m</sup> 22<sup>s\*</sup> [19, 19<sup>h</sup> 7<sup>m</sup> 22<sup>s</sup>]. **NW Luzon and Batanes**. Earthquake of intensity III—IV: origin in the China Sea, NW of Babuyanes Islands.
- 22, 8<sup>h</sup> 11<sup>m</sup> 0<sup>s\*</sup> [22, 16<sup>h</sup> 11<sup>m</sup> 0<sup>s</sup>]. Butuan (N Mindanao). Oscillatory earthquake, intensity III-IV: its origin probably lay in the Pacific.
- 24, 7<sup>h</sup> 30<sup>m</sup> 29<sup>s\*</sup> [24, 15<sup>h</sup> 30<sup>m</sup> 29<sup>s</sup>]. **SE Luzon**. Earthquake of intensity IV felt through the southeastern part of Luzon and the adjacent islands of Masbate, Ticao, Burias and Romblon; its epicenter lay under the sea, W of Masbate. At 10<sup>h</sup> 44<sup>m</sup> 20<sup>s\*</sup> [18<sup>h</sup> 44<sup>m</sup> 20<sup>s</sup>] occurred a second shock of the same intensity but of less extended area and felt chiefly in Romblon Island.
- 25, 2<sup>h</sup> 45<sup>m</sup> [25, 10<sup>h</sup> 45<sup>m</sup>]. Tigaon (SE Luzon). Subsultory earthquake of intensity III. 25, 19<sup>h</sup> 6<sup>m</sup> 16<sup>s\*</sup> [26, 3<sup>h</sup> 6<sup>m</sup> 16<sup>s</sup>]. Southern Mindanao. Earthquake of intensity IV-V, felt through the southern districts of the island, Zamboanga, S Lanao, Cotabato and Davao. The origin lay in the Celebes Sea.
- 26, 17<sup>h</sup> 1<sup>m</sup> 16<sup>s\*</sup> [27, 1<sup>h</sup> 1<sup>m</sup> 16<sup>s</sup>]. Central Mindanao. Extensive earthquake of intensity V–VI: it was felt throughout the whole island. The epicenter probably was located some distance W of the Agusan Valley in the Bukidnon subprovince.
- 28, 8<sup>h</sup> 33<sup>m</sup> [28, 16<sup>h</sup> 33<sup>m</sup>]. Batanes Islands. Earthquake of intensity IV, duration 4 seconds.
- 29, 17<sup>h</sup> 38<sup>m</sup> 50<sup>s\*</sup> [30, 1<sup>h</sup> 38<sup>m</sup> 50<sup>s</sup>]. Surigao (NE Mindanao). Oscillatory earthquake, intensity III, duration 6 seconds. Origin towards the E in the Pacific.
- 29, 18<sup>h</sup> 3<sup>m</sup> [30, 2<sup>h</sup> 3<sup>m</sup>]. Basco (Batanes Islands). Earthquake of intensity V-VI. Aftershock at 22<sup>h</sup> 0<sup>m</sup> and again on the 30th at 11<sup>h</sup> 10<sup>m</sup>. All these shocks as well as those on the 8th and 28th must be considered as aftershocks of the earthquakes of September 13th; in fact all were chiefly felt in the destroyed towns of Ivana and Sabatan.<sup>2</sup>

¹ The intensity of earthquakes is given in the notation known as the Rossi-Forel scale. The time is that indicated by the seismographs at the Central Observatory whenever the disturbance has been registered by them. This fact is denoted by an asterisk (\*). Otherwise the time is that noted by the observer who sent the report. All time indications are in Greenwich mean time (midnight=0<sup>h</sup>), insular time being added in brackets for the convenience of Philippine readers.

<sup>&</sup>lt;sup>2</sup> See Monthly Bulletin for September.

#### BULLETIN FOR OCTOBER, 1918.

#### RECORDS OF THE MICROSEISMOGRAPH.

[Time: Greenwich mean. Midnight=0b. Instrument: Wiechert seismograph; 1,000 kilograms. A<sub>N</sub>: To=6.62,  $\epsilon$ =2.726,  $\frac{\mathbf{r}}{To^2}$ =0.021; A<sub>E</sub>: To=6.03,  $\epsilon$ =2.378,  $\frac{\mathbf{r}}{To^2}$ =0.037. Alluvium. 2.40 meters above sea level.]

| į            |       |            |  | West 100 and 1 |                              |                            |                      | Amp                 | litude.             |   |
|--------------|-------|------------|--|--|------------------------------|----------------------------|----------------------|---------------------|---------------------|---|
| No.          | Date. | Character. | Phase.   |  | our.                         |                            | Period.              | A <sub>N</sub><br>μ | Α <sub>E</sub><br>μ | Remarks.  |
| 3 <b>9</b> 6 | 2     | IIId       | iP<br>F  | h.<br>13   | m.<br>23<br><b>3</b> 9       | 8.<br>14                   |                      |                     |                     | S Luzon. The maxima lost by the force of the shock. |
| 397          | 3     | Iv         | еР<br><b>F</b>   | 14   | 05<br>07                     | 06                         |                      |                     |                     |   |
| 398          | 6     | Ιv         | $\begin{array}{c} \mathbf{eP} \\ \mathbf{L} \\ \mathbf{M_E} \\ \mathbf{M_N} \\ \mathbf{F} \end{array}$               | 12   | 51                           | 33                         | 3                    | 78                  | 82                  |   |
| 399          | 7     | Ιv         | eP<br>F  | 10   | 11<br>13                     | 23                         |                      | <b></b>             |                     |   |
| 400          | 9     | IIr        | $\begin{array}{c} \mathbf{eP} \\ \mathbf{S} \\ \mathbf{L} \\ \mathbf{M_E} \\ \mathbf{M_N} \\ \mathbf{F} \end{array}$ |  | 22<br>27<br>28<br><b>2</b> 8 | 54<br>00<br>02<br>11<br>18 | 7 8                  | 180                 | 226                 |   |
| 401          | 10    | I          | e<br>F   | 2  | 00<br>11                     |                            |                      |                     |                     |   |
| 402          | 10    | Ιv         | eP<br>F  | 21   | 08<br>15                     | 08                         |                      |                     |                     | NW Luzon.   |
| 403          | 11    | IIr        | e<br>S<br>L  |  | 34<br>48<br>23               | 22<br>52<br>06             |                      |                     |                     | Porto Rico.   |
|              |       |            | $egin{array}{c} \mathbf{M_{E1}} \\ \mathbf{M_{N1}} \\ \mathbf{M_{N2}} \\ \mathbf{M_{E2}} \end{array}$                |  | 34<br>37                     | 18<br>27<br>07<br>22       | 26<br>25<br>18<br>22 | 29<br>37            | 20                  |   |
|              |       |            | M <sub>N3</sub> M <sub>E3</sub> C F  | 1  | 54                           | 00<br>16<br>05             | 17<br>19             | 57                  | 28                  |   |
| 404          | 11    | Iv         | eP<br>F  | 17   | 24<br>29                     | 00                         |                      |                     |                     |   |
| 405          | 13    | I          | e<br>F   | 12<br>13   | 52<br>22                     |                            |                      |                     |                     |   |
| 406          | 13    | IIIv       | $\begin{array}{c} \mathbf{eP} \\ \mathbf{L} \\ \mathbf{M_N} \\ \mathbf{F} \end{array}$                               |  | 30<br>30<br>30<br>51         | 15<br>34<br>45             | 3                    | 921                 |                     |   |
| 407          | 14    | Ιν         | eP<br>L<br>M <sub>N</sub><br>F   | 10   | 37<br>37<br>37<br>41         | 35<br>53<br>55             | 3                    | 94                  |                     |   |
| 408          | 14    | Ir         | e<br>S<br>L<br>M <sub>E</sub><br>M <sub>N</sub><br>F   | 12   | 11<br>17<br>21               | 54<br>22<br>11<br>09<br>45 | 8 8                  | 40                  | 34                  | `   |
| 409          | 16    | Iv         | $\begin{array}{c} \mathbf{eP} \\ \mathbf{L} \\ \mathbf{M_E} \\ \mathbf{M_N} \\ \mathbf{F} \end{array}$               | 20   | 10<br>10                     | 05<br>40<br>46<br>48       | 5 6                  | 246                 | 171                 |   |
| 410          | 18    | Ιv         | eP<br>F  | 10   | 33<br>36                     | 47                         |                      |                     |                     | •   |
| 411          | 19    | Ir         | e<br>F   | i  |                              | 28                         |                      |                     |                     |   |
| 412          | 19    | Ιν         | eP<br>F  |  | 41<br>44                     | 22                         |                      |                     |                     |   |
| 413          | 19    | Iv         | eP<br>F  | 11   | 07<br>12                     | 22                         |                      |                     |                     | NW Luzon and Batanes Islands.                       |

#### SEISMOLOGICAL BULLETIN.

#### Records of the microseismograph—Continued.

|     |       | ,          |  |                |  |                     | Amp                 | litude.                |                        |
|-----|-------|------------|--|----------------|--|---------------------|---------------------|------------------------|------------------------|
| No. | Date. | Character. | Phase.   | H              | our.   | Period.             | A <sub>N</sub><br>μ | $A_{\mathbf{E}}$ $\mu$ | Remarks.               |
| 414 | 22    | Ιv         | eP<br>L  | <b>h.</b><br>8 | m.<br>11 0                                       | 0                   | ļ                   |                        | Butuan (N Mindanao).   |
|     |       |            | M <sub>E</sub><br>M <sub>N</sub><br>F  |                | 13 4<br>13 4<br>33                               | 2 6                 | 299                 | 167                    |                        |
| 415 | 24    | Ιν         | eP<br>L<br><b>M</b> <sub>E</sub><br>M <sub>N</sub><br>F  | 7              | 30 2<br>31 0<br>31 1<br>31 1<br>33 1             | 5                   | 143                 | 123                    | SE Luzon.              |
| 416 | 24    | Iv         | eP<br>F  | 9<br>10        | 58 0<br>01                                       | 8                   |                     |                        |                        |
| 417 | 24    | Ιν         | eP<br>L<br>M <sub>E</sub><br>M <sub>N</sub>  | 10             | 44 2<br>44 4<br>44 5                             | 2 3                 |                     | 137                    | Rombion Island.        |
| 418 | 24    | Ιv         | F  | 10             | 50   | 4 3                 | 126                 |                        |                        |
| 419 | 24    | Ir         | eP<br>F<br>eP  | i              | 14 3<br>16 22 3                                  |                     |                     |                        |                        |
| 110 |       |            | M <sub>N</sub><br>M <sub>E</sub><br>F  | ,              |  | 5 6                 | 41                  | 32                     |                        |
| 420 | 24    | Ιv         | eP<br>F  | 21             | 04 3<br>06                                       | 8                   |                     |                        |                        |
| 421 | 25    | Ιv         | eP<br>F  | 4              | 02 4<br>08                                       | 0                   |                     |                        |                        |
| 422 | 25    | Ir         | eP<br>L<br>M <sub>N</sub><br>M <u>e</u>  | 19             | 06 1<br>09 4<br>10 3<br>10 5                     | 4<br>5 11<br>7 11   | 136                 | 104                    | S Mindanao.            |
| 423 | 26    | Iv         | $egin{array}{c} \mathbf{F} \\ \mathbf{eP} \\ \mathbf{S} \\ \mathbf{L} \\ \mathbf{M_N} \\ \mathbf{M_E} \\ \mathbf{F} \end{array}$ | 17             | 29<br>01 1<br>02 4<br>03 3<br>05 2<br>06 1<br>26 | 2<br>6<br>2 8       | 59                  | 36                     | Central Mindanao.      |
| 424 | 26    | Ιν         | eP<br>S<br>L<br>F  |                | 46 5<br>47 5<br>48 4<br>00                       | 2                   |                     |                        |                        |
| 425 | 27    | Ir .       | S<br>L<br>M <sub>E</sub><br>M <sub>N</sub><br>F  | 1 <b>5</b>     | 42 3<br>48 0<br>48 1<br>49 0                     | 6<br>0<br>2  <br>13 | 36                  | 70                     | •                      |
| 426 | 27    | IIr        | e<br>S<br>L<br>M <sub>N1</sub><br>M <sub>E1</sub><br>M <sub>N2</sub><br>M <sub>E2</sub><br>C<br>F                                | 17             |  | 6 10<br>6 8<br>1 9  | 707                 | 719                    |                        |
| 427 | 28    | lv         | eP`<br>F   | 20<br>13       |  | 0                   |                     |                        |                        |
| 428 | 28    | Ιν         | F<br>eP<br>F   | 14             |  | 9                   |                     |                        |                        |
| 429 | 29    | Iv         | F<br>eP<br>F   | 17             |  | 0                   |                     |                        | Surigao (NE Mindanao). |

#### TEMBLORES DE TIERRA SENTIDOS EN FILIPINAS.1

- 2, 13<sup>h</sup> 23<sup>m</sup> 14<sup>s\*</sup> [2, 21<sup>h</sup> 23<sup>m</sup> 14<sup>s</sup>]. S de Luzón. Temblor de intensidad III–IV sentido en las provincias de Manila (Rizal) y Laguna; originado cerca de la costa oriental.
- 8, 4<sup>h</sup> 17<sup>m</sup> [8, 12<sup>h</sup> 17<sup>m</sup>]. Islas Batanes. Temblor de tierra de intensidad V, duración 7 segundos.
- 10, 21<sup>h</sup> 8<sup>m</sup> 8<sup>s\*</sup> [11, 5<sup>h</sup> 8<sup>m</sup> 8<sup>s</sup>]. **NW** de Luzón. Temblor oscilatorio, dirección W–E, intensidad IV, duración 5 segundos; originado en el extremo NW de la isla de Luzón y sentido solamente en la Provincia de Ilocos Norte.
- 17, 7<sup>h</sup> 18<sup>m</sup> [17, 15<sup>h</sup> 18<sup>m</sup>]. Ambos Camarines. Temblor de tierra de intensidad III sentido en la región del Isarog.
- 19, 11<sup>h</sup> 7<sup>m</sup> 22<sup>s\*</sup> [19, 19<sup>h</sup> 7<sup>m</sup> 22<sup>s</sup>]. **NW** de Luzón y Batanes. Temblor de tierra de intensidad III-IV, originado en el Mar de la China al NW de las Islas Babuyanes.
- 22, 8<sup>h</sup> 11<sup>m</sup> 0<sup>s\*</sup> [22, 16<sup>h</sup> 11<sup>m</sup> 0<sup>s</sup>]. Butúan (N de Mindanao). Temblor oscilatorio, intensidad III–IV, su origen probablemente se hallaba en el Pacífico.
- 24, 7<sup>h</sup> 30<sup>m</sup> 29<sup>s\*</sup> [24, 15<sup>h</sup> 30<sup>m</sup> 29<sup>s</sup>]. **SE** de Luzón. Temblor de tierra de intensidad IV sentido en toda la parte SE de Luzón y en las islas adyacentes de Masbate, Ticao, Burias y Romblón, su epicentro se hallaba en el mar al W de la Isla de Masbate. A 10<sup>h</sup> 44<sup>m</sup> 20<sup>s\*</sup> [18<sup>h</sup> 44<sup>m</sup> 20<sup>s</sup>] repitió con la misma intensidad pero tuvo menos extensión, sintiéndose principalmente hacia el W en la Isla de Romblón.
- 25, 2<sup>h</sup> 45<sup>m</sup> [25, 10<sup>h</sup> 45<sup>m</sup>]. Tigaon (SE de Luzón). Temblor de tierra susultorio, intensidad III.
- 25, 19<sup>h</sup> 6<sup>m</sup> 16<sup>s\*</sup> [26, 3<sup>h</sup> 6<sup>m</sup> 16<sup>s</sup>]. Sur de Mindanao. Temblor de tierra de intensidad IV-V sentido en toda la parte meridional de Mindanao comprendida por los distritos de Zamboanga, parte sur de Lanao, Cotabato y Davao. Su origen se hallaba en el Mar de Célebes.
- 26, 17<sup>h</sup> 1<sup>m</sup> 16<sup>s\*</sup> [27, 1<sup>h</sup> 1<sup>m</sup> 16<sup>s</sup>]. Centro de Mindanao. Temblor de tierra de grande extensión y de intensidad V–VI; sintióse en toda la isla. El epicentro parece se hallaba al W del valle del Agusan, en la subprovincia de Bukidnon.
- 28, 8<sup>h</sup> 33<sup>m</sup> [28, 16<sup>h</sup> 33<sup>m</sup>]. Islas Batanes. Temblor de tierra de intensidad IV, duración 4 segundos.
- 29, 17<sup>h</sup> 38<sup>m</sup> 50<sup>s\*</sup> [30, 1<sup>h</sup> 38<sup>m</sup> 50<sup>s</sup>]. Surigao (NE de Mindanao). Temblor oscilatorio de intensidad III, duración 6 segundos. Origen al E en el Pacífico.
- 29, 18<sup>h</sup> 3<sup>m</sup> [30, 2<sup>h</sup> 3<sup>m</sup>]. Basco (Islas Batanes.) Temblor de tierra de intensidad V-VI. Repitió a 22<sup>h</sup> 0<sup>m</sup> y otra vez a 11<sup>h</sup> 10<sup>m</sup> del día 30. Todos estos temblores así como los de los días 8 y 28 eran réplicas de los terremotos del 13 de septiembre, y se sintieron principalmente en los pueblos de Ivana y Sabatan.<sup>2</sup>

La intensidad de los terremotos se indica conforme a la conocida escala de Rossi-Forel. Cuanto a la hora de su ocurrencia, adoptamos la indicada por los sismógrafos de este Observatorio siempre que los hayan registrado, distinguiéndola por medio de un asterisco (\*). En caso contrario copiamos la apuntada por los observadores que nos envían las notas. Todas las indicaciones del tiempo se refieren al tiempo medio de Greenwich (medianoche=0<sup>h</sup>). Para conveniencia de los lectores de Filipinas se añade también el tiempo insular.

<sup>&</sup>lt;sup>2</sup> Véase el Boletín de septiembre.

S AUG L'A 1919

THE GOVERNMENT OF THE PHILIPPINE ISLANDS

## WEATHER BUREAU

MANILA CENTRAL OBSERVATORY

## BULLETIN FOR NOVEMBER, 1918

PREPARED UNDER THE DIRECTION OF REV. JOSÉ ALGUÉ, S. J.

DIRECTOR OF THE WEATHER BUREAU

MANICA BUREAU OF PRINTING 1919

|  | 그렇게 되는 아이들이 가장하는 가장이 나를 받는다. | A T. S. S. C. P. C. S. S. S. S. S. S. S. S. S. S. S. S. S. |  |
|--|------------------------------|--|--|
|  |                              |  |  |
|  |                              |  |  |
|  |                              |  |  |
|  |                              |  |  |
|  |                              |  |  |
|  |                              |  |  |
|  |                              |  |  |
|  |                              |  |  |
|  |                              |  |  |
|  |                              |  |  |
|  |                              |  |  |

#### METEOROLOGICAL BULLETIN FOR NOVEMBER, 1918.

By REV. JOSE CORONAS, S. J., Chief, Meteorological Division of the Weather Bureau.

#### GENERAL WEATHER NOTES.

Pressure and temperature.—The mean atmospheric pressure of this month in the Philippines is somewhat higher than that of the preceding year and than the normal for November. The lowest pressures were generally observed on the 2nd or 4th. There was no barometric falling of importance during the month owing to lack of depressions near the Philippines.

The mean monthly temperature is, with a few exceptions, slightly higher than that of November, 1917, and than the normal of this month. The extreme monthly temperatures for Manila were 33° C. and 18.7° C.: they were registered on the 6th and 21st respectively. The absolute maximum and minimum temperatures for Baguio were 26.2° C., 12° C. on the top of Mirador, and 27.3° C., 10.7° C. in the valley.

PRESSURE AND TEMPERATURE AT THE FIRST AND SECOND CLASS STATIONS FOR NOVEMBER, 1918.

| •                 |         |                                     | F                                 | ressure.              |        |                 |              |       |                            | Te                                | mperati       | ıre.   |              |       |
|-------------------|---------|-------------------------------------|-----------------------------------|-----------------------|--------|-----------------|--------------|-------|----------------------------|-----------------------------------|---------------|--------|--------------|-------|
| Station.          | Mean.   | Departure<br>from<br>Nov.,<br>1917. | Depar-<br>ture<br>from<br>normal. | High-<br>est<br>mean. | Day.   | Lowest<br>mean. | Day.         | Mean. | Departure from Nov., 1917. | Depar-<br>ture<br>from<br>normal. | High-<br>est. | Day.   | Low-<br>est. | Day   |
|                   | mm.     | mm.                                 | mm.                               | mm.                   |        | mm.             |              | °C.   | °C.                        | °C.                               | ° <i>C</i> .  |        | °C.          |       |
| amboanga          | 758, 94 | +1.12                               | mont.                             | 759, 52               | 13, 23 | 758.04          | 4            | 26.4  | +0.5                       | U.                                | 33.1          | 28     | 22.4         | 2     |
| agbilaran a       | 59.07   | +1.58                               | +0.95                             | 59.77                 | 20     | 58.24           | 3            | 26.1  | $^{+0.3}_{+0.1}$           | -0.4                              | 33.3          | 8      | 20.7         | 18, 2 |
| urigao            | 59.34   | +1.63                               | +1.05                             | 60.12                 | 20     | 58.51           | 2            | 26.1  | + .3                       | 4                                 | 31. 3         | 7      | 22.3         | 18, 2 |
| Cebu              | 59.48   | +1.66                               | +1.08                             | 60. 18                | 20     | 58.69           | . 2          | 27.4  | + .5                       | + .6                              | 31. 8         | 28, 29 | 23. 1        | 10, 2 |
| loilo             | 59.40   | +1.79                               | +1.05                             | 59. 96                | īĭ     | 58, 51          | 2            | 26.6  | + .4                       | + .2                              | 31.6          | 5      | 22.5         | i     |
| apiz b            | 59.88   | +2.07                               | +1.04                             | 60.51                 | 14     | 55.01           | -            | 27    | + .6                       | + .3                              | 32. 3         | 23     | 22. 1        | i     |
| albayog           | 59.94   | +1.89                               | +1.31                             | 60, 57                | 11     | 59.16           | 2            | 25.8  | + .3                       | + .1                              | 33            | 6      | 20.6         | i     |
| egaspi            | 60.42   | +2.15                               | +1.56                             | 61. 19                | 14     | 59.57           | 4            | 27    | + .6                       | + .4                              | 32.3          | 6      | 23           | ź     |
| timonan           | 60.84   | +2.15                               | +1.47                             | 61.79                 | 14     | 59.91           | 2            | 27. 2 | +1                         | + .7                              | 31            | 2      | 21           | 2     |
| mbulong, Tanauan_ | 60.02   | +1.99                               |                                   | 60.88                 | 15     | 59, 12          | 2            | 26.2  | + .1                       |                                   | 32.7          | 26     | 21.3         | 2     |
| aracale           | 60.94   | +2.12                               |                                   | 61.99                 | 11     | 60.02           | 2            | 26. 9 | + .9                       |                                   | 31.4          | 27     | 21.3         | 2     |
| Ianila            | 60.71   | +2.06                               | +1.33                             | 61.78                 | 11     | 59, 90          | 2            | 25. 2 | 2                          | 7                                 | 33            | 6      | 18. 7        | 2     |
| an Isidro b       | 61.44   | +2.51                               | +2.10                             | 62, 56                | 11     | 60, 46          | 2            | 25. 7 | + .4                       | 0                                 | 32.9          | 17     | 18.6         | ī     |
| Dagupan           | 60.11   | +2.11                               | +1.12                             | 61.06                 | 10     | 59, 36          | 2            | 26.7  | 0                          | + .1                              | 34.6          | 8      | 19.2         | í     |
| laguio c          | 638.18  | +1.63                               | +1.29                             | 639.13                | 14     |                 | 4            | 17.9  | ·ŏ                         | 0.7                               | 26.2          | 6      | 12           | -     |
| igan              |         | +1.99                               | + .95                             | 761.33                | 10     | 759.46          | $2, \hat{4}$ | 27.1  | 2                          | + . 3                             | 34. 8         | 15     | 21           | 1     |
| uguegarao         | 61.67   | +1.40                               | +1.19                             | 63.66                 | 11     | 59, 80          | 26           | 25. 1 | + .9                       | + .1                              | 34.6          | 6      | 17.8         | î     |
| aoaga             | 60.68   | +2.02                               |                                   | 61.75                 | 10     | 59, 55          | 4            | 25. 7 | + .2                       |                                   | 34. 3         | 29     | 17. 2        | ī     |
| parri             | 62.05   | +1.24                               | +1.16                             | 64.07                 | 11     | 59, 95          | 26           | 25. 4 | + .7                       | + .3                              | 33            | 26     | 20.3         | î     |

Rainfall.—There was an evident lack of rain during this month in the Philippines, only one station in Mindanao and one in the Visayas giving a monthly amount greater than the normal for November. The differences from the normal are particularly remarkable in a good number of stations of Luzon. The total monthly rainfalls for Manila and Baguio differ from the normal of November by -116.2 mm. and -76.6 mm. respectively.

<sup>&</sup>lt;sup>2</sup> 29 days of observation.
<sup>5</sup> 28 days of observation.
<sup>6</sup> The barometric readings of this station are not reduced to sea level.

RAINFALL AT VARIOUS STATIONS OF THE WEATHER BUREAU DURING THE MONTH OF NOVEMBER, 1918.

| Station. | Total.  | Departure from Nov., 1917. Departure from normal  | Days of rain.  | Departure from<br>Nov., 1917.  | Greatest rainfall<br>in a single day.   | Day.   | Station. | rotal.   | Departure from<br>Nov., 1917.  | Departure from normal.   | Days of rain.<br>Departure from  | Greatest rainfall in a single day.                     | Day.   |
|----------|---|---|--|--|---|--|----------|--|--|--|--|--|--|
| Jolo     | 115. 8 — 86. 5 — 68 — 92. 4 — 122. 5 — 151. 8 — 113. 8 — 1197. 9 + 62. 6 — 109. 6? — 45. 5 — 81. 6 — 81. 6 — 81. 6 — 82. 3 — 28. 8 — 82. 1 — 283. 3 — 240. 3 + 240. 3 + 240. 3 + 240. 3 + 240. 3 + 240. 3 + 243. 6 — 243. 6 | $\begin{array}{c} 121.8 + 67 \\ 158.5 - 88 \\ 118.5 - 65 \\ 79.1 - 59 \\ -153 \\ 190.6 - 119 \\ 61.2 - 116 \\ 341.9 \\ -153 \\ 335.2 - 136 \\ 883.3 - 140 \\ 85.1 \\ -19.1 - 16 \\ 34.9 - 14 \\ 4848.9 - 94 \\ \end{array}$ | 133 133 133 133 134 144 164 165 165 177 1 165 177 1 165 177 1 165 177 1 165 177 177 177 177 177 177 177 177 177 17 | $ \begin{array}{r}  -4 \\  -1 \\  +2 \\  \hline  -6 \\  +5 \\  0 \\  \hline  -22 \\  +4 \\  -3 \\  0 \end{array} $ | 24. 4<br>23. 4<br>16. 3<br>31. 5<br>34. 5<br>7<br>18. 1<br>35. 1<br>18. 1<br>35. 1<br>64. 5<br>21. 3<br>27. 9<br>3. 6<br>2. 3<br>23. 1<br>158. 7<br>92. 4<br>59. 7<br>62. 7<br>85. 1<br>85. 1<br>86. 2<br>86. 2<br>86. 2<br>86. 2<br>86. 2<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3<br>86. 3 | 9 9 9 9 9 11 12 23 3 24 24 25 15 11 11 11 11 11 11 11 11 11 11 11 11 | Legaspi  | 66.6<br>129<br>13<br>17.1<br>126.7<br>161.8<br>64.2<br>11.8<br>8.3<br>0.4<br>4.3<br>22.118.2<br>18.4<br>0.0<br>0.0<br>29.4<br>0.0<br>21.1<br>8.8<br>3.8<br>8.6 | -689. 2<br>-392. 1<br>-107. 6<br>-196. 4<br>-314. 5<br>-147. 2<br>-161. 4<br>-274. 1<br>-54. 6<br>-182. 4<br>-118. 9<br>-8. 7<br>-11. 1<br>-68. 9<br>-468. 9<br>-468. 9<br>-68. 4<br>-68. 4<br>-68. 4<br>-68. 4<br>-68. 4<br>-68. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69. 4<br>-69 | -105.2<br>-252.3<br>-207<br>-179.6<br>-151.8<br>-312.4<br>-312.4<br>-43.7<br>-44.7<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40.9<br>-40. | 14 — 20 — 18 — 7 — 7 — 18 — 9 — 16 — 25 — 5 — 11 — 1 — 1 — 1 — 1 — 1 — 1 — 1 — | 5 26. 10. 18 41. 19. 19. 19. 19. 19. 19. 19. 19. 19. 1 | 8 7 7 30 4 21, 80 4 4 21, 80 6 10 6 6 27 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |

a 28 days of observation.

#### DEPRESSIONS AND TYPHOONS.

There was not a single depression or typhoon of any importance during this month near the Philippines. And even in the whole Far East there were only three depressions observed in the neighbourhood of the Bonins: one moving northeast to the southeast of the Bonins on the 19th; another recurving northeastward on the 18th to the northwest of the same islands; and the third one moving eastward from 140° to 150° longitude E near 30° latitude N on the 27th to 28th. The approximate tracks of these depressions will be published in the next Bulletin together with the depressions and typhoons for December.

#### NOTAS GENERALES DEL TIEMPO.

Presión y temperatura.—La presión atmosférica media de este mes en Filipinas es algo mayor que la del año pasado y que la normal de noviembre. Las presiones más bajas se observaron generalmente el día 2 ó 4. No hubo descensos barométricos de importancia durante el mes debido a la ausencia de depresiones en las cercanías de Filipinas.

La temperatura media mensual es, con pocas excepciones, ligeramente mayor que la de noviembre, 1917, y que la normal de este mes. Las temperaturas extremas del mes en Manila fueron 33° C. y 18.7° C., registradas los días 6 y 21 respectivamente. Las temperaturas máxima y mínima absolutas de Baguio fueron 26.2° C., 12.2° C. en la cumbre del Mirador, y 27.3° C., 10.7° C. en el valle.

Precipitación acuosa.—Hubo verdadera escasez de lluvia durante este mes en Filipinas, no siendo más que dos, una en Mindanao y otra en Visayas, las estaciones que dan una cantidad mensual mayor que la normal de noviembre. Las diferencias de la normal son particularmente notables en un buen número de estaciones de Luzón. Los totales de lluvia del mes para Manila y Baguio se diferencian de la normal de noviembre en -116.2 mm. y -76.6 mm., respectivamente.

#### DEPRESIONES Y TIFONES.

No hubo ni una sola depresión o tifón de alguna importancia durante el mes cerca de Filipinas. Y aun en todo el Extremo Oriente solamente hubo tres depresiones en los alrededores de Bonins una que se movió hacia el NE por el SE de aquellas islas el día 19, otra que recurvó al NE por el NW de las mismas islas el 18, y la última que se dirigió el E desde 140° hasta 150° longitud E y cerca de 30° latitud N del 27 al 28. Las trayectorias aproximadas de dichas depresiones se publicarán en el siguiente Boletín juntamente con las depresiones y tifones de diciembre.

#### BULLETIN FOR NOVEMBER, 1918.

#### METEOROLOGICAL DATA FOR MANILA CENTRAL OBSERVATORY.

[ $\phi = 14^{\circ}$  84' 41" N;  $\lambda = 120^{\circ}$  58' 33" E; barometer above sea, 14.2 meters; gravity correction not applied, -1.72 mm.]

|                         |  | Air t  | empera   | ture.b   |  | U  | nderg   | round  | temp  | erature.  |   | 1  |   | Rad   | liation.                                | Evapo   | oration.  |
|-------------------------|--|--|--|--|--|--|---|--|---|---|---|--|---|---|---|---|---|
| Day.                    | Pressure (mean).   | Mean.  | Maxi-<br>mum.  |  | 0.25 r   |  | -   | .m. 2  |   |   | 2.50<br>meters.<br>8 a. m.  | Rela-<br>tive<br>humid-<br>ity<br>(mean)   | Vapor<br>pres-<br>sure<br>(mean)  | Mini-<br>mum<br>on  | in sun.<br>Black<br>bulb in             | Free exposure (to-tal).   | Shelte<br>(total)   |
| 1                       | 60. 23<br>60. 63<br>60. 99<br>61. 63<br>61. 78<br>61. 78<br>61. 56<br>61. 56<br>60. 89<br>60. 69<br>60. 74<br>60. 74<br>60. 57<br>60. 38<br>60. 38<br>60. 14<br>60. 11<br>60. 46 | °C. 26 25, 5 24, 9 25, 6 26, 4 26, 6 26, 4 25, 1 24, 2 25, 5 25, 4 26, 6 25, 1 24, 2 23, 8 24, 2 24, 2 24, 2 25, 5 25, 7 25, 6 25, 7 25, 6 25, 7 25, 6 26, 2 26, 2 | °C. 31.5 30.7 32.2 30.4 31.4 33 31.7 32.5 30.9 30.8 31.6 30.6 32.7 29.9 30.7 30.6 28.9 31.2 31.2 31.3 31.2 31.3  | 22<br>21.9<br>22.1<br>21.2<br>21.3<br>22.2<br>21.6<br>20.5<br>20.7<br>20.2<br>20.5<br>19.4<br>18.8<br>21.9<br>21.8<br>21.9<br>21.8<br>21.9<br>21.8<br>21.9<br>21.8 | °C. 28 27.8 27.8 27.8 27.8 27.8 27.8 28.2 28.3 28 6 27.5 26.8 26.5 26.5 26.5 26.7 27.7 27.7 27.7 27.7 27.7 27.7 27.7 | 29, 29, 29, 29, 29, 29, 29, 29, 29, 29,    | 7. 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2  | C. 29.21<br>C. 29.21<br>99.8.8.8.8.8.8.8.8.8.8.8.8.8.8.8.8.8.8.                            | °C. 29. 3 29. 2 29. 3 29. 2 29. 3 29. 2 29. 2 29. 3 29. 2 29. 2 29. 3 29. 2 28. 8 8 28. 7 28. 6 6 28. 6 28. 6 28. 6 28. 6 28. 6 28. 6 28. 6 28. 6 28. 7 | °C. 3 29. 3 29. 1 29. 2 29. 2 29. 2 29. 2 29. 1 29. 2 29. 1 29. 2 29. 1 29. 1 29. 1 29. 1 29. 3 29. 1 29. 28. 9 28. 8 8 28. 8 8 28. 8 8 28. 8 8 28. 8 8 | °C. 28. 4 28. 3 28. 3 28. 3 28. 3 28. 3 28. 3 28. 3 28. 3 28. 3 28. 3 28. 3 28. 3 28. 3 28. 4 28. 3 28. 2 28. 2 28. 2 28. 2 28. 2 28. 2 28. 2 28. 2 28. 2 28. 2 28. 2 28. 3 28. 4 28. 5 | Per ct.  85.1 79.9 84.9 85.2 79.6 82.4 81.9 80.5 75 84.1 88.2 85.6 85.8 84.9 86.6 85.8 85.8 87.4 | mm.<br>21<br>20. 4<br>19<br>19. 7<br>20. 4<br>20. 2<br>20. 7<br>19. 9<br>18. 2<br>19. 6<br>19. 4<br>21. 2<br>19. 5<br>17. 9<br>19. 8<br>18. 4<br>19. 8<br>21. 2<br>21. 1<br>20. 2<br>20. 4<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 4<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 2<br>20. 20. 20. 20. 20. 20. 20. 20. 20. 20. | 19<br>18. 1<br>19<br>20. 1<br>20<br>21. 4<br>19. 1<br>20<br>19. 5<br>18. 2<br>19<br>20, 1 | ∨acuo.  ○C                              | mm. 3.1 2.3 3.9 2.4 2.5 4.1 2.4 3.2 4.2 3.8 3.9 2.4 2.8 3.5 3.5 3.5 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6   | mm 2 1.6 2.9 1.8 1.88 2.88 2.82 1.7 3.1 3 1.8 2.5 2.2 2 3.4 1.5 2.7 1.3 1.4 3 1.9 1.7 1.5 1.8 1.9 2.1 1.9 |
| Mean<br>Total           | 760. 71  | 25. 1<br>24. 5<br>25. 2  | 31. 2<br>30. 5<br>31. 2  | 21. 3<br>20. 7<br>21   | 27. 2<br>26. 9<br>27. 4  | 28.<br>27.<br>28.                          | . 8 2   | 8.1  | 28. 5<br>28. 3<br>28. 8   | 28. 7<br>28. 8<br>29  | 28. 2<br>28. 3<br>28. 3   | 83.7   | 19. 6<br>18. 5  | 19.7  |   | 2.4<br>2.8<br>2.9<br>88   | 2<br>1.9<br>2.1<br>62.3   |
| eparture from<br>normal | +1.33  | -0.7   | +0.8   | -1.1   |  |  |   |  |   |   |   | +0.6   | -0.7  |   | ļ                                       |   |   |
|                         |  |  | Wind.  |  |  |  |   |  | Cl  | ouds.   |   |  | R   | ain, 24 l   | hrs.                                    |   |   |
| Day.                    | Prevailin<br>direction   | g m  | otal rove- lent.   | ly reloc-  | Directi<br>t the t<br>of the<br>naximivelocit  | ime<br>e<br>um                             | Amount (mean).  |  | Form<br>p <b>per</b>  | and dir   | ection.<br>Lower.   | sh   | in-<br>ine. —   | the Inver. pa   | ng<br>                                  | Iiscella  | neous.  |
| 1                       | NE quad E NE quad NE quad NE quad NE E quad NNE NNE NNE NNE NNE E NNE NNE E NNE NN   | L. L. SE   | 90. 5<br>70. 5<br>70. 5<br>83<br>80. 5<br>132<br>86. 5<br>118<br>118. 5<br>192. 5<br>129. 5<br>146. 5<br>146. 5<br>147. 132. 5<br>138. 120. 5<br>131. 5<br>175. 135. 5<br>102. 5<br>103. 5<br>104. 5<br>105. 5<br>106. 5<br>113. 5<br>113. 5<br>115. 5<br>116. 5<br>117. 5<br>117. 5<br>117. 5<br>117. 5<br>117. 5<br>117. 5<br>118. 5<br>118. 5<br>118. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5<br>119. 5 | 16<br>17. 5<br>117. 5<br>117. 5<br>122. 5<br>18 5<br>21. 5<br>21. 5<br>22. 5<br>16 13<br>14. 5<br>14. 5<br>15. 5<br>11. 5<br>15. 5<br>11. 5<br>11. 5               | Wbys<br>Wnve<br>E<br>E<br>SW, N<br>SE<br>ESE<br>ENE<br>ENE<br>ENE<br>ENE<br>WSW<br>WSW<br>WWSW<br>WW                 | V NW V C C C C C C C C C C C C C C C C C C | 0-10.<br>26.22.83.22.53.884.82.45.884.813.884.811.83.884.82.55.884.884.884.884.884.884.884.884.884. | AC AC Ci. Ci. Ci. Ci. Ci. Ci. AC AC AC AC Ci. AC Ci. AC Ci. AC Ci. AC Ci. AC Ci. AC Ci. AC | u. C. C. C. C. C. C. C. C. C. C. C. C. C.   | i. Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu Cu C   |   | 8695996867858335739599785678   | 35 50  | 0.6   1.5   .3   1.3   .4   1   4.5   .8   .5   | 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 | a. p p p. a. p p. a. d p. a. d p. b. a. d p. c. a. p p. c. a. p p. c. a. p p. c. a. p p. c. a. p p. c. a. p p. c. a. p p. c. a. c p p. c. c p p. c |   |
|                         |  |  |  |  |  |  | 4.6   |  |   |   |   |  | 01  |   | 12.7                                    |   |   |
| Departure               |  |  |  |  |  |  | $\frac{-1.7}{-1.7}$   |  |   |   |   | -  |   | '_  |   |   |   |

All the mean values given in this table are deduced from hourly observations.
 These values are taken from instruments mounted in the Observatory Park, 1.5 meters above ground.

#### METEOROLOGICAL DATA FOR MIRADOR OBSERVATORY, BAGUIO.4

[ $\phi = 16^{\circ}$  25' N;  $\lambda = 120^{\circ}$  36' E; barometer above sea, 1,512.5 meters; gravity correction not applied, -1.65 mm.]

|   |   |  | Air te  |   | ure at M<br>the mou  |   |   | e Air  | r ten   | nperatu<br>lear the  | re in th<br>city ha   | e valley   |  |   | Radia  | ation.   | Evapo  | ration.   |
|---|---|--|---|---|--|---|---|--|---|--|---|--|--|---|--|--|--|---|
| 1.  | Day.  | sureb  | Mean.   |   | Hour.  |   | Hour  |  |   | Hour.  |   | Hour.  | tive<br>humid-<br>ity  | pres-<br>sure   | mum on   | mum<br>in sun.<br>Black<br>bulb<br>in va-  | ex-<br>posure  | Shel-<br>ter<br>(total)   |
| Mean   688.18   17.9   24.4   14.1   25.5   12.7   74.6   11.3   9.7   55.7   5.6   | 2 3 3 4 5 5 6 5 7 8 8 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 | 688. 11 37. 64 37. 39 37. 97 38. 15 38. 46 38. 70 38. 89 38. 95 38. 84 39. 13 38. 83 39. 13 38. 83 39. 13 37. 74 37. 81 37. 68 37. 78 37. 64 37. 81 37. 81 38. 05 37. 88 | 18. 5<br>18<br>17. 9<br>19. 2<br>19. 8<br>18. 5<br>18. 4<br>17. 7<br>17. 4<br>18. 8<br>17. 6<br>17. 8<br>17. 1<br>16. 6<br>16. 7<br>17. 6<br>17. 6<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 6<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 6<br>17. 8<br>17. 8<br>17. 9<br>17. 1 | 25. 4<br>24. 8<br>24. 8<br>24. 5<br>25. 6<br>26. 2<br>25. 1<br>24. 2<br>25. 8<br>23. 3<br>23. 1<br>24. 1<br>25. 3<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>24. 8<br>25. 8<br>26. 8<br>27. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8 | 10. 40a. 11. 35a. 11. 20a. Noon 11. 00a. 11. 00a. 11. 00a. 11. 00a. 11. 00a. 11. 00p. 10. 45a. 0. 30p. 1. 00p. 11. 50a. 11. 10a. 0. 40p. 0. 40p. 11. 50a. 11. 10a. 0. 40p. 0. 30a. 11. 05a. 11. 10a. 0. 40p. 0. 40p. 0. 40p. 0. 40p. 0. 40p. 0. 40p. 0. 10a. 11. 05a. 11. 120a. | 15. 1<br>14. 7<br>12. 8<br>15. 7<br>14. 1<br>14. 1<br>14. 1<br>14. 1<br>14. 8<br>14. 1<br>14. 8<br>14. 1<br>12. 6<br>13. 2<br>12. 4<br>14. 1<br>13. 4<br>14. 1<br>14. 1<br>15. 2<br>16. 6<br>17. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6 | 5. 00a<br>6. 00a<br>5. 35a<br>1. 00a<br>1. 15a<br>6. 00a<br>2. 00a<br>11. 00p<br>4. 30a<br>6. 00a<br>4. 10a<br>12 m. 1<br>2. 40a<br>4. 15a<br>6. 00a<br>4. 15a<br>6. 00a<br>4. 15a<br>6. 00a<br>4. 45a<br>6. 40a<br>2. 30a<br>4. 45a<br>6. 40a<br>6. 40a<br>6. 40a<br>6. 605a<br>6. 605a<br>6. 605a<br>6. 605a<br>6. 605a<br>6. 605a<br>6. 605a<br>6. 605a<br>6. 605a | 222 22 22 22 22 22 22 22 22 22 22 22 22  | 5.5 5 5.6 4 3 3 5 5 5 5 5 5 6 4 3 3 5 5 5 5 5 5 6 4 4 4 4 4 4 4 5 6 6 6 5 6 4 4 5 5 5 5 | 11. 40a, 0. 50p, 0. 35p, 1. 00p, Noon 11. 20a, Noon 11. 00p, 1. 00p, 1. 00p, 1. 05p, 1. 00p, 0. 25p, 1. 00p, 0. 10p, 1. 1. 00p, 1. 1. 00p, 1. 1. 00p, 1. 1. 00p, 1. 1. 00p, 1. 1. 00p, 1. 1. 00p, 1. 1. 00p, 1. 0. 10p, 1. 0. 10p, 1. 0. 10p, 1. 0. 10p, 1. 0. 10p, 1. 0. 10p, 1. 0. 10p, 1. 0. 10p, 1. 0. 10p, 1. 0. 00p, 1. 0. 00p, Noon 11. 05a, 0. 05p, 0. | 13. 2<br>13. 2<br>13. 4<br>10. 9<br>13<br>14. 7<br>12. 8<br>13. 3<br>11. 7<br>14. 6<br>12. 4<br>10. 7<br>11. 3<br>11. 12. 1<br>11. 2. 5<br>11. 13. 6<br>14. 6<br>14. 7<br>15. 8<br>16. 9<br>17. 18. 9<br>18. 2<br>19. 2<br>19. 2<br>19. 2<br>19. 3<br>19. 9<br>19. 2<br>19. 3<br>19. 9<br>19. 19. 19. 19. 19. 19. 19. 19. 19. 19. | 5. 55a. 6. 10a. 2. 50a. 2. 20a. 1. 40a. 6. 00a. 4. 05a. 12 m. n. 6. 00a. 8. 55p. 5. 50a. 4. 35a. 6. 00a. 4. 25a. 6. 00a. 5. 50a. 6. 30a. 5. 50a. 6. 00a. 6. 30a. 6. 55a. 6. 00a. | 79. 5<br>77. 62. 2<br>67. 5<br>69. 8<br>71. 8<br>73. 8<br>73. 8<br>75. 7<br>51. 7<br>56. 7<br>56. 7<br>48. 8<br>85. 5<br>86. 5<br>85. 8<br>85. 8<br>85. 8<br>85. 8<br>85. 8<br>85. 8 | 12.4<br>11.8<br>11.5<br>10.4<br>11.4<br>12.1<br>12.5<br>12.2<br>7.9<br>8.5<br>9.8<br>11.3<br>8.4<br>7<br>9.8<br>10.7<br>12.2<br>12.2<br>12.2<br>12.3<br>13.3<br>13.3<br>13.3<br>13.2<br>13.2  | 9.7<br>11.5<br>7.1<br>12.5<br>9.7<br>10.6<br>10.7<br>9<br>13.2<br>8<br>13<br>11.5<br>6.5<br>10.4<br>6.5<br>8.5<br>7.4<br>7.4<br>7.4<br>12.7<br>10.9<br>9.1 | 59. 56. 6<br>58. 8<br>55. 2<br>55. 6<br>55. 6<br>55. 6<br>55. 6<br>55. 3<br>55. 3<br>55. 8<br>56. 8<br>56. 8<br>56. 2<br>58. 3<br>56. 8<br>56. 6<br>56. 6<br>56. 6<br>57. 2<br>58. 8<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 4<br>59. 5<br>59. 5<br>59. 5<br>59. 5<br>59. 5<br>59. | 3.9<br>3.8<br>6.6<br>9.5.57<br>44.8<br>12.5.5<br>111.5<br>6.4.9<br>11.8<br>3.3<br>3.3<br>1.7<br>4.7<br>2.2<br>2.2<br>2.3.5 | 2.1 1.9 2.5 1.8 2.5 1.8 2.5 1.8 2.1 1.6 6.4 3.5 3.2 1.5 1.7 1.3 1.7 1.3 1.2 1.9 1.4 |
| Day.   Prevailing direction |   |  |   |   |  |   |   |  |   |  |   |  |  |   | i  |  |  | 2.4   |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$   | Total   |  |   |   |  |   |   |  |   |  |   |  |  |   |  |  | 168. 4   | 70.6  |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$   | Andrew Andrewski (1941) (1945)                          |  |   | Wi  | nd.  |   | i   |  |   | C  | louds.  |  |  | <u> </u>  |  |  |  |   |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$  | Day.  | Prev   | ailing  |   | mum<br>hour-   | at the  | time  | unt<br>an).  |   | Forn   | n and d   | irection.  |  | Sun-  | hours<br>begin-  | Mis  | cell <b>ane</b> c  | ous.  |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$  |   |  |   |   | ly<br>veloc-   | maxin   | num 📙   | Amo<br>(me   |   | Upper  | •   | Lowe   | İ  |   |  |  |  |   |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$  | 235678  | F,   | SW<br>E<br>SE<br>SE<br>SE<br>E  | 212<br>308.<br>284.<br>277.<br>305.<br>233.<br>279.   | 20. 1<br>28. 7<br>8 19. 5<br>4 27. 4<br>1 23. 5<br>7 16. 1<br>9 22. 2  | E<br>E<br>E<br>E  |   | 4. 1<br>4. 9<br>1. 4<br>.3<br>1<br>1. 9<br>4. 4<br>5. 4  | Ci.<br>Ci.<br>Ci.<br>Ci.<br>Ci.   |  | NE ()   | DuN.<br>Du.<br>Du.<br>Du.<br>Du.<br>DuN.<br>DuN.   | ESE<br>ESE<br>SE<br>E<br>ESE   | 5 50<br>7 50<br>7 35<br>8 10<br>7 25<br>5 35<br>3 25  | 1.3  | =2 p.<br>□ a. =<br>□ a. =<br>□ a. =<br>□ a. =  | р.<br>р.   |   |
| Mean   305.6   23.9   2.8     6.37  | 9 0   | SE q   | E  C? EE EU EU EU EU EU EU EU EU EU EU EU EU  | 333. 494 650. 424. 463. 238. 313. 242. 233. 271. 310. 232. 273. 286. 261. 211. 219. 307. 269.   | 6   26.4   19.5?   34.9   7   61.4   8   28.2   2   1   22.7   8   26.2   8   19.1   13   18.5   4   23.6   6   1   17.1   9   20.4   8   20.7   9   20.4   8   17.4   21.4   21.4   21.7.2  | E E E E E E E E E E E E E E E E E E E   | v<br>V  | 2.9<br>.9<br>.14<br>1.4<br>6.6<br>.7<br>1.4<br>2.7<br>4.3<br>4.1<br>3.4<br>4.1<br>3.1<br>2.7<br>4.9<br>3.5 | Ci.<br>Ci.<br>Ci.<br>Ci.<br>Ci.<br>Ci.<br>Ci.<br>Ci.<br>Ci.<br>Ci.                      | Cu.<br>-S.<br>Cu.<br>, ACu.  | SE SE SC SC SC SC SC SC SC SC SC SC SC SC SC  | Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu.  | E SE E SE E SE E SE E SE E SE E SE E S   | 7 05<br>8 20<br>8 05<br>6 40<br>7 15<br>4 50<br>7 55<br>9 35<br>8 50<br>8 50<br>6 55<br>4 15<br>4 15<br>4 15<br>4 15<br>4 15<br>4 15<br>4 15<br>6 55<br>5 50<br>5 50<br>5 50<br>5 50<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 5 6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 55<br>6 6 6 55<br>6 6 6 55<br>6 6 6 55<br>6 6 6 55<br>6 6 6 55<br>6 6 6 55<br>6 6 6 55<br>6 6 6 6 | .5 5.3   | $\Omega^{\circ}$ a. $\blacksquare$ p. $\ell^{\nu^{\circ}}$ a. $\blacksquare$ d. a. $\blacksquare$ a. $\square$  | p. p. p. p. = 2 p = 2 p. p. = 2 p = 2 p = 2 p = 2 p = 2 p = 0 p  |   |
| Total 198 30 8,6  | Mean  |  |   | 305.  | 6 23.9   |   |   | 2.8  |   |  |   |  |  | 6 37  |  |  | ,  |   |

<sup>\*</sup> All the mean values given in this table are deduced from six daily observations taken at 2, 6, 10 a. m. and 2, 6, 10 p. m.

b The barometric readings of this station are not reduced to sea level.

c Maximum of hourly observations taken from 6 a. m. to 6 p. m.

d This element is based on hourly observations taken from a quadruple register, which gives only eight possible directions of the wind.

c 1 hour missing.

Deduced from 19 observations only.

#### DAILY RAINFALL AT THE STATIONS OF THE WEATHER BUREAU, NOVEMBER, 1918.

| Station.   |                   |                    |              |               |           |            | E              | ay of | month          |                |                |                |            |       |   |                |
|--|-------------------|--------------------|--------------|---------------|-----------|------------|----------------|-------|----------------|----------------|----------------|----------------|------------|-------|---|----------------|
| Saution.   | 1.                | 2.                 | 3.           | 4.            | 5.        | 6.         | 7.             | 8.    | 9.             | 10.            | 11.            | 12.            | 13.        | 14.   | 15.   | 16             |
|  | mm.               | mm.                | mm.          | mm.           | mm.       | mm.        | mm.            | mm.   | mm.            | mm.            | mm.            | mm.            | mm.        | mm.   | mm.   | m              |
| olo<br>sabela, Basilan   | 9. 1<br>6. 6      | 17<br>2            | 1.3          | $23.1 \\ 2.5$ | 3.3       | 7.1        |                | 1.5   | 24.4           | 7.6<br>15.2    | 1.8<br>13.7    | 3              | 2.3        | 0.8   | 1.3   |                |
| Basilan Plantation, Isabela (Ba-   |                   | _                  |              |               |           |            |                |       |                |                |                |                | 1          |       |   | 1              |
| silan) Officea   | 14.2              |                    |              | 6.4           | 4.3       | 14.5       |                |       | 33.3           | 6.4            | 22.3<br>2.5    | 2.5            | 4.6<br>7.4 | 1.3   |   |                |
| amboanga<br>Javao  | $\frac{8.1}{3.3}$ | $\frac{1.1}{24.4}$ | 3.3          | 1.6           |           | 14.5       |                | 8.6   | 16. 3<br>31. 5 | 4.1<br>2.8     | 2.5            | 5.3            | 1.4        |       |   |                |
| otabato  | 10.9              | 17                 | 15. 5        | 3.3           | 4.3       |            |                |       | 1.5            |                | 34.5           | 5.8            | 1.5        | 1.8   |   |                |
| amp Keithley, Lanao  | 4.1               | 2.1                | 10.8         | 3             | 18.6      | 7.8        |                | 4.3   | 26.2           | .3             | 5.3            | 15.8           | 4.3        | .6    |   | 1.             |
| agayan, Misamis  | 35.3              | 2.3                | 45.7         | 18            | 1.8       |            | 0.3            | 2.3   | 3<br>5.6       | 21.3           | 2.5            | 3.3<br>9.4     | 1.8        | 1.3   | 1.5   |                |
| Oumaguete  | . 5               | 10. 2              | 17.8         | 1.5           | 1.8       |            |                |       | 1.4            | 1.3            |                | .8             | 4.1        | .5    | 1.3   |                |
| ap, Western Carolines  |                   |                    | 12.7         | 1.8           | 7.5       | 4.6        | 5.1            | 1.3   | 4.3            | 10.9           | 5.6            | 11 0           | 7.7        | 6.2   | .8  |                |
| 'agbilaranwahig  | 8.1               | 8.7                | 1.4          | .5            | 7.3       |            | 11.4           |       | 1.8<br>2.3     | 8.2            | 3.8            | 11.2           | 35. 1      | 0.2   |   |                |
| urigao   | 19                | 53                 | 86. 1        | 32.2          | 18.8      | .3         | 8.4            | 4.9   | 5. 1           | 10             | 27.5           | 17. 2          | 38.7       | 7.6   | 32.9  | 7.             |
| faasin   |                   |                    | 26.7         | 7.6           |           |            |                | 14.7  |                | 31             | 42.7           | 64. 5<br>9. 2  | 3.8        | 2.3   | 21.3  | 1.             |
| ebua Carlota, Occidental Negrosa   |                   | . 3                | 3            | 12.5          | .8<br>5.1 |            |                | 2.1   | 2.3            | 4.3            | 4.8<br>2.5     | 1              | .3         |       | 21.0  | 1.             |
| loilo  |                   | 7.1                | . 5          | .5            | 1         | 4.6        |                | 1.5   | .8             | 23.6           | 27.9           | 13.5           | . 3        |       | 11.4  |                |
| an Jose Buenavista   |                   |                    |              |               |           |            |                |       | .3             | 1.8            | 3.6            | .3             |            | .     |   |                |
| Cuyo<br>Lucena, Iloilo <sup>a</sup>  |                   |                    |              |               |           | 6. 1       |                |       |                | 2.3<br>15.5    | 12.7           |                |            | -     |   |                |
| Ormoc  |                   | 4.1                |              | 3.3           | 7.9       | 2.8        |                | 2.8   | 1.8            | 12.7           | 23. 1          | 3.6            |            |       | 3.8   | 1.             |
| <del>l</del> uiuan   | 1.5               |                    | 6.3          | 8.6           | 10.6      | 32. 7      | 1.5            | 7.4   | 2.6            | 2.3            | 158. 7         | 5.8            | 3.3        | 3.3   | .8  | 14.            |
| Dueñas, Iloiloa  |                   |                    |              |               |           |            |                |       | 10.2           | 9.7            | 10.9           | 12.2           | 1.8        |       |   | . 8.           |
| Bitaogan, Iloilo (Railroad Iloilo to Capiz)  |                   |                    |              |               |           |            | 7.1            | 1     | 5              | 2              | 8.7            | 12.4           | 6.4        | 4.3   | 1.5   | 4.             |
| Lapus, Iloilo (Railroad Iloilo to  |                   | 1                  |              |               |           |            |                |       |                |                |                |                |            | 5     |   | 1              |
| Capiz) a   | <u>-</u>          | 9.1                | .5           | 8             | 2.3       | 4.1        |                | 2     | 1.5            | 26.9           | 31.5           | 14.7           |            |       | 9.9   | 14.            |
| Cacloban   | 1.5               | 18.3               |              | 14            | 7.4       | 2.6        | 2.4            | 1.3   | 8. 9<br>12. 7  | 24. 2<br>38. 1 | 91. 1<br>17. 8 | 38. 4<br>17. 7 | 6.4        | 1.5   | 7.4   | 16.            |
| Dumarao, Capiza<br>Dao, Capiza   |                   | 5.3                | 5. 1<br>4. 8 | . 6           | 3.3       | 3.8        | 3.5            | 1     | 14.7           | 10.7           | 44.5           | 11.9           | 17. 5      | 1.5   | 6.6   |                |
| Capiz  |                   | 8.6                |              | .5            |           |            | 26.9           |       | 12. 2          | 8.6            | 21.1           | 10.2           | 2.5        |       | 7.3   | 9.             |
| Borongan   | 9.7               | 26.6               | .8           | 7.1           | 1.3       | 10.2       | 1.3            | 1     | 12.4           | 14             | 92.4           | 7.6            | 5.8        | 1.8   | 5.9   |                |
| Catbalogan   |                   | 13.7<br>1          |              | 18.8          | 3.6       | 1.8        | 9.9<br>9.7     | 3.3   | 19             | 21.3<br>14.2   | 59. 7<br>69. 4 | 6.4            | 10.4       |       | 2.5   |                |
| Masbate  |                   | 1                  |              | 20. 1         | 1         | 4.8        | 5. 1           | 14.2  | 18.8           | 9. 2           | 37.8           | 20. 1          | 9.4        | 2.3   | 17. 3   |                |
| an Jose Estate, J. Abello D-13,  | _                 |                    |              |               |           | 1          | 0.1            |       | 1              |                | 1              |                | -          |       |   |                |
| Mindoro a  |                   |                    |              | .             |           |            |                |       |                |                |                |                |            |       | -   | -              |
| San Jose Estate, Tamaraw Planta-   |                   | 1                  | 3            |               |           |            |                |       | 1              |                |                | 4.8            | 5.1        | 1     |   |                |
| tion, Mindoroa<br>San Jose Estate, San Agustin,  |                   |                    | ,            |               |           |            |                |       |                |                |                | 1.0            | 0.1        | 1     |   | 1              |
| Mindoro a  |                   |                    |              |               |           |            |                |       |                |                |                | 6.9            |            |       |   | -}             |
| an Jose, Mindoroa  |                   |                    |              |               |           |            |                |       |                |                | 5. 1           |                | 2.8        | .3    |   | -              |
| San Jose Estate, Tunnel D-12,  |                   | 1                  |              |               |           |            |                |       |                |                | 1              | 6.1            | 1          |       | 1   |                |
| Mindoro a<br>Romblon   | 1.5               |                    |              |               |           | 4.3        | 2.3            |       | 10.6           | 3.3            | 11.7           | 62.7           | 2.6        | .3    | 7.7   | -              |
| Batag  | 5.6               | 5.1                | 3.8          | 22.1          | 4.3       | 2.3        | 6.1            | 5.8   | 7.4            | 2.5            | 4.3            | 17.3           | 15         |       | 21.6  |                |
| Gorsogon   | 34                |                    |              |               |           | 38.4       | 51.6           | 37.3  |                | 51.6           | 52.1           | 5. 1           | 0 6        | .8    | 9.6   | - 43.<br>10.   |
| Legaspi<br>San Miguel Estate, San Miguel Is-   |                   | 1                  | 1.3          | 3.6           |           | 17         | 43.3           | 7.3   | 15.3           | 6.9            | 18.8           | 24.3           | 8.6        | .0    | 3.0   | 10.            |
| land, Tabaco, Albayab  |                   |                    | 1.5          |               | 2.5       | 1.8        | 19.6           | 8.1   | 1.5            | 3.3            | .3             | 8.6            | 1.8        |       | 6.9   | 7.             |
| lumay. Guam  | 3.8               |                    |              | 5.1           |           |            |                |       | 5.1            | 2.5            |                | 5.1            |            | 5.1   |   |                |
| Calapan  | 6.6               | . 6                | 1.3          | 1.5           |           |            | 11.2           | 1.3   | 1.3            | 4.3            | 6.6            | 43.7           | 2.3<br>4.3 |       | 4.3<br>9.9                                    |                |
| /irac<br>Vaga  |                   |                    |              | 1.0           | ا         |            | 6.1            |       | 1.0            | 6.6            |                | . 3            | 1.5        |       |   |                |
| ligaon   |                   | 5.3                |              | . 1           | 6.6       |            | 14             |       | 3.6            | 24.6           | 1              | 7.1            | .3         |       | . 2   | 11.            |
| Batangas   |                   |                    |              | . 3           |           | 1 0        |                |       | 1 9            | 9 9            | 2.8<br>38.1    |                | 2 1.3      | 1.3   | 9.9   | 7              |
| Lucena<br>Atimonan   |                   |                    | .8           | 3.3           | 1         | 1.8<br>2.5 | 3.8<br>6.3     |       | 1.3<br>2.1     | 3.3            | 9.7            |                | 2.3        |       |   |                |
| Ambulong, Tanauan  | 1.3               |                    |              |               | .         |            | 7.4            |       |                | 2.5            | 4.3            |                | 1.3        | 4.8   | 2.8   |                |
| Canlubang, Calamba   | 1                 | 1                  |              | 5.3           | 1         | .8         | 12.4           | .5    | 1.5            | 2.8            | 3.6            | 6.1            | 3.3        |       |   |                |
| Paracale   | 6.2               |                    | 1.3          | 1.8           | 13.2      | 10.1       | 10. 9<br>22. 6 | 5.3   |                | 5. 4<br>3. 5   | 8.6<br>2.3     | 2.5            |            |       | $\begin{array}{c c} 10.7 \\ 11.2 \end{array}$ |                |
| Santa Cruz, Laguna   | .8                | 1.5                |              |               | .3        | .3         | 4.3            | 1.3   | 1.0            |                | 1              | 1.5            |            | 6. 1  |   |                |
| Alabang, Rizala  |                   |                    |              |               |           |            |                |       | -              |                |                |                |            |       | -   |                |
| Lamao, Bataana   |                   |                    |              |               |           |            | 1              |       |                |                |                |                | . 4        |       | 4.5   | -              |
| Manila<br>Antipolo   |                   | 1                  |              |               |           |            | 1. 5           | ļ     | .3             | 1.3            |                |                | 2.5        |       | 2.0   | .              |
| Bosoboso, Rizala   |                   | . 1                |              | .             |           |            | 5              |       |                |                |                | .              | . 8        | 1.5   |   | -              |
| Montalban, Rizala  |                   |                    |              | -             |           |            |                |       | -              |                | 8              | .5             |            | 1.5   | 1.8   |                |
| Hacienda Pintong Sapang, San   |                   |                    |              |               |           |            | 1              |       |                | . 5            |                | Ĺ              |            | 1.5   | 2   | 1              |
| Jose, Bulacana<br>Mabayuan Dam, Olongapo, Zam-   | 1                 | 1                  | )            | 1             | 1         |            |                |       | 1              |                | 1              |                |            |       |   | 1              |
| bales a  | .                 |                    |              | -             |           |            | . 5            |       |                |                |                |                |            |       |   |                |
| [ba  |                   | .                  | -            |               |           |            |                |       | -              | -              |                |                | 4.8        |       |   |                |
| San Isidro<br>Hacienda Luisita, San Miguel,  | -                 | 1                  | 1            | 1             |           | 1          |                |       |                |                |                |                |            |       |   | -              |
| Tarlaca Luisita, San Miguel,   |                   |                    | 1<br>-[      |               |           | -          | -              |       | -              |                |                | -[             |            |       |   |                |
| Hagianda Luigita Comillas Tar-   | 1                 |                    |              | 1             |           | 1          | i              |       |                |                |                |                | i          |       | i   | 1              |
| lac *<br>Tarlac<br>Baler   |                   | ·                  | -            | -             | -         | -          | -              |       |                | -              |                |                | 1 8        | . 5   |   | -              |
| ı arıac  |                   | 3                  |              | _             |           |            | . 5            | 1 1   | 5, 1           |                |                |                | 6.1        | 10.7  |   | -              |
| Panigui Tarlaca  |                   | _                  | .            |               |           | -!         | -1             |       |                |                | -              |                |            |       |   |                |
| C I A S Minnog Nuovo Faina   | 1                 | }                  | 1            | i             |           | 1          | f              |       | 1              |                |                | -              | -          |       | 1   |                |
| Dagupan  | 1                 | 1                  | 1            |               |           |            |                |       |                |                |                |                | 1          |       | 1   |                |
| Santo Tomas Mt., Mountain Prov-<br>_ incea   |                   | 1                  |              |               |           | .          |                |       | -              |                |                |                |            |       |   |                |
|  |                   |                    |              | 1             | i i       | 1          | 1              |       | 1              | 1              | 1              |                | - 1        |       | -   | - i <b>-</b> - |
| Baguio   | - 1.0             |                    | -            | -             | -,        | -1         | -!             | -     |                | -1             |                | -1             |            |       |   | -              |
| San rernando, Union<br>Echagie   | -                 | -                  | 1 1          |               | -         |            | -1             | .3    |                | -              |                | 1.5            | 1.6        | 5. 9  |   |                |
| San Fernando, Union<br>Echagüe<br>Sagada, Mountain Province <sup>a</sup><br>Bontoc, Mountain Province <sup>a</sup> | -                 |                    | -            |               | -         |            | -              | -     | -              |                | -              |                | -          | 1.8   |   |                |
| Bontoc, Mountain Province a  |                   |                    | -            |               |           | -          |                |       |                | -              | -              | -              | - 1.5      |       |   |                |
| Candon   | -                 | -                  | -            |               |           | -          |                |       |                |                |                |                | -          |       |   |                |
|  |                   |                    |              |               |           |            |                |       |                |                |                |                |            |       |   | ,              |
| Turanicanone   | 1                 |                    | 1            | - 1           | - 1       | 1 2 X      |                | 1     |                |                | -1             | _'             |            | . 0.0 |   |                |
|  | 1                 |                    |              |               |           |            |                | -1    |                | -!             |                |                |            |       |   |                |
| La Paz, Abraa  | -                 |                    | 4            |               |           |            |                |       |                |                |                |                |            |       |   |                |
| La Paz, Abraa<br>Laoag<br>Aparri   | -1                | _!                 | -1           |               |           | -1         | -1             |       |                |                | -!             |                |            | . 1   | 1. 2  | 2              |

<sup>\*</sup> Voluntary or cooperative station.

b Rain in 24 hours beginning 8 a. m.

e Rain in 24 hours beginning 7 a.m.
Amount of rainfall corresponding to 14 and 15.

#### METEOROLOGICAL BULLETIN.

#### Daily rainfall at the stations of the Weather Bureau, November, 1918-Continued.

| Station.  |            | 1            | 1          |        | 1              | 1             |            |               | nonth.       | 1           |            | 1                 |               |                   | 1            |
|---|------------|--------------|------------|--------|----------------|---------------|------------|---------------|--------------|-------------|------------|-------------------|---------------|-------------------|--------------|
|   | 17.        | 18.          | 19.        | 20.    | 21.            | 22.           | 23.        | 24.           | 25.          | 26.         | 27.        | 28.               | 29.           | 30.               | Tota         |
| Tolo  | mm.<br>8.4 | mm.          | mm.<br>1.3 | mm.    | mm.            | mm.           | mm.        | 1             | 1            | mm.         | mm.        | mm.               | mm.           | mm.               | mm           |
| sabela, Basilan   | 0.4        | 5.8          | 1.5        |        |                |               |            |               |              | 10.4<br>5.6 | 1.3        | 0.5               |               |                   | 115.<br>86.  |
| Basilan Plantation, Isabela (Basilan) Officea                         |            |              |            |        |                |               |            |               | 1            | ĺ           | 1          |                   |               | Ì                 | Į            |
| Lamboanga   |            |              | 2.5        | 2.3    | 0.3            |               |            |               |              | 17          |            |                   |               |                   | 112.<br>63   |
| Davao<br>Cotabato   |            |              |            |        |                |               | 8.1<br>3.8 | 10.7          | 1.3<br>6.6   |             | !          |                   | 3.8           |                   | 92.          |
| Camp Keithley, Lanao  | 10.9       |              |            |        | 19.1           |               |            | 10.1          | 6.4          | 5.3<br>6.4  | 2.5        |                   | 1.5           |                   | 122.<br>151. |
| Cagayan, Misamis  |            | 1.8          | .3         | 2.6    | 12. 2          | 0.3           | 1.3        | .5            | .5           | 9.6         | 3.6        |                   | 16.8          |                   | 11.          |
| Oumaguete   |            |              |            |        |                | . 5           |            | 18.3          | [            | 3.0         | 3.0        |                   | .5            | 0.5<br>1.3        | 197.<br>62.  |
| Yap, Western Carolines<br>Yagbilaran                                  |            | 54.9d<br>7.9 | 16.3       | 6.4    |                | 2             | 1.3        | 1.3           | 2.5          | .8          | 2.5<br>4.6 | 26.7              | 31.7<br>2.3   | 9.4               | 195          |
| wahig   |            |              |            |        |                |               |            |               |              |             | 4.0        |                   | 2.0           | 18. 1             | 109<br>45    |
| urigao  | 2.8        | .3           | 3.6        | 21.1   | .5             |               | 14. 9      | 2.6<br>26.4   | 9.4          |             |            | 17.3              | 17.6          | 2                 | 461          |
| ebu   |            |              | . 5        |        |                |               | .5         | 9.7           |              |             |            | .3                | .8            | 1.6               | 213<br>81    |
| a Carlota, Occidental Negrosaloilo                                    |            | 1            |            |        |                | 1.3           | 1.5        | 1.3           |              |             | 6.6        | 5. 6              |               |                   | 20.          |
| an Jose Buenavista  |            |              |            |        |                |               |            |               |              |             |            | 5.0               | . 5           |                   | 109.<br>6.   |
| uyo<br>ucena, Iloiloa   | 1          |              |            |        |                |               |            | 8.6           |              |             |            | 3.6               |               |                   | 2            |
| )rmoc   | .          | 2.3          | 2.3        | .3     |                |               | 4.3        | 1.3           | 3            | .8          |            | 3.0               | . 5           | 3.6<br>3.3        | 51.<br>85.   |
| luiuan<br>Dueñas, Iloiloa   | .8         | 16           | 1.3        | 3      | 6.9            | .5            |            | 7.1           |              |             | .5<br>5.1  | 10.9              | 14.5<br>5.1   | 1.5               | 322          |
| Sitaogan, Iloilo (Railroad Iloilo to                                  |            |              |            |        |                |               |            |               |              |             |            |                   | 5.1           |                   | 63           |
| Capiz) aapus, Iloilo (Railroad Iloilo to Capiz) a.                    | 1.3        | 2            |            | 3.8    | 5.3            |               |            |               |              |             | 5. 1       | F 0               |               | 12.9              | 120          |
| acloban   | .)         | 8.1          |            | 1.3    | 5.3            |               | 3.6        | 7.6           |              | 1           |            | 5.8<br>3.6        | 5.6           | 5. 1              | 129<br>283   |
| Dumarao, Capiza   | 21.6       | 1.5          |            | 1.3    | 1              |               | 5. 1       | 6.3           |              |             | 1.3        | 5.1               | 6.4           | 12.7              | 147          |
| apiz  | 12.4       |              |            |        | 1.3            |               |            |               |              | 4.3         | 1.3        | .8                | 8.9           | 6.8<br>14.5       | 185<br>135   |
| oronganatbalogan  |            | 19           | 1          | 13.7   | 10. 2<br>8. 1  | 8.4           | 2.6<br>7.9 | 21. 1<br>6. 1 | 6. 6<br>5. 3 | 3.6         |            | 20.5              | 16            | 8.1               | 348          |
| albayog   | 40.3       | 4.8          | 1.3        | .5     | 20. 1          |               | 13. 7      | 0. 1          | 5.5          | 6.1         |            | 1                 | 2.1           | 2.8               | 215<br>240   |
| Iasbatean Jose Estate, J. Abello D-13, Min-                           | 13.9       |              | . 5        |        | 1              |               |            |               |              |             |            | . 5               | .5            | 3.3               | 169          |
| doro a  |            |              |            |        |                |               |            |               |              |             |            |                   |               |                   |              |
| an Jose Estate, Tamaraw Plantation,                                   | . 3        | -            |            |        |                |               |            |               |              |             |            |                   |               | 1                 |              |
| Mindoro an Jose Estate, San Agustin, Min-                             | 9          |              |            |        |                |               |            |               |              |             |            |                   |               |                   | 15.          |
| doro a  | 2.5        |              |            |        |                |               |            |               |              |             |            |                   |               |                   | 9.           |
| an Jose, Mindoroaan Jose Estate, Tunnel D-12, Min-                    |            |              |            | i      |                |               |            |               |              |             |            |                   |               | .3                | 12.          |
| doroa   | 3.8        |              | 3          | 2      | 12.5           | 3.3           |            |               |              |             |            |                   |               |                   | 13.          |
| omblonBatag   |            | 4.1          | 3          | 2.5    | 15. 5<br>19. 3 | 1.3<br>5.4    | .3         | 20.8<br>5.8   | 1.3          | 2.5         | 7. 1       | 7. 4<br>9. 9      | 2. 5<br>3. 3  | 13<br>9. 9        | 194<br>243   |
| orsogon   |            | 24.9         |            | 2      | 44.2           |               | 2          |               | 13. 2        |             |            |                   | *             | *                 | 560          |
| egaspi<br>an Miguel Estate, San Miguel Island,                        | 27.4       |              |            |        | 9.1            |               |            |               |              |             | 4.1        | 14.2              | 9.1           | 32.8              | 265          |
| Tabaco, Albayab   | 22. 9      |              |            |        | 17.8           | 1.3           | 62.7       |               | .3           |             | 8.1        | 9.9               | 4.1           | 3.6               | 193.         |
| umay, Guam<br>alapan  | 4          | 1            | 2.5        |        | 10. 4          | 2             | 11.4       | 1.3           | 1.8          | 6.4         |            | 1.3               | 20.3          | 26. 7<br>10. 4    | 116.<br>58.  |
| irac  | 25.7       | 2.5          |            |        | 1.5            | ļ             |            |               |              |             |            | 38.6e             |               |                   | 161.         |
| laga<br>Tigaon  |            |              |            |        | 6.9            |               |            |               |              |             |            |                   | 2.8<br>10.4   | 19.3<br>15        | 66.<br>129   |
| atangas   |            |              |            |        |                |               |            |               |              |             | 4.6        |                   | 1             |                   | 13           |
| ucena<br>timonan  |            | . 3          |            |        |                | 1.3<br>1.3    | 1.8<br>3.6 | 5. 1          | .8           | 2.3         |            | $\frac{1.8}{9.2}$ | 9. 9<br>37. 8 | $\frac{1.5}{3.1}$ | 87<br>127    |
| mbulong, Tanauan  |            | .8           |            |        |                |               |            |               |              |             |            |                   |               |                   | 26           |
| anlubang, Calambaaracale  |            | . 5          |            | . 5    | .8             | 1. 5<br>33. 3 | 4.1        | 1             |              | .8          | 3.6        | 6                 | 2.5           |                   | 53.<br>161.  |
| anta Cruz, Laguna   | .3         |              |            |        |                | 1.8           |            | 1.8           |              |             |            |                   | 1.8           |                   | 64           |
| ort Mills, Corregidorac   |            |              |            |        |                |               |            |               |              |             |            |                   |               |                   | 13           |
| amao. Bataan  |            |              |            |        |                |               |            |               |              |             |            |                   |               |                   |              |
| lanila<br>ntipolo   | . 9        |              | .8         |        |                |               |            | 2. 5          |              |             |            | . 5               |               |                   | 11<br>8      |
| Sosoboso, Rizala  |            | '            |            | i<br>, |                |               | 30. 7      |               | 1.8          |             |            |                   |               |                   | 36.          |
| Iontalban, Rizala   | 1          | 1            |            | 1      |                |               | .8         |               |              |             |            | 7.6               | . 5           |                   | 14           |
| Bulacan <sup>a</sup><br>Iabayuan Dam, Olongapo, Zambales <sup>a</sup> | . 8        |              |            |        |                |               |            |               |              |             | 3          |                   |               |                   | 48.          |
| 08  |            |              |            |        |                |               |            |               |              |             |            |                   |               |                   | 20.          |
| an Isidro<br>Acienda Luisita, San Miguel, Tarlaca                     |            |              |            |        |                |               | .3         |               |              |             |            |                   |               |                   | 6.           |
| acienda Luisita, Comillas, Tarlaca                                    |            |              |            |        |                |               |            |               |              |             |            |                   |               |                   |              |
| arlac<br>aler   |            |              | 11 0       |        |                |               |            | .3            |              |             |            | 2                 |               |                   | 3.           |
| aniqui, Tarlaca   |            |              |            |        |                |               | 58. 7<br>1 | 3.3           |              |             |            | 5. 6              | 2             |                   | 118.<br>1    |
| . L. A. S. Muñoz, Nueva Ecija a                                       |            |              |            |        |                |               |            |               |              |             | . 3        |                   |               |                   |              |
| agupan<br>anto Tomas Mt., Mountain Provincea<br>olinao                |            |              |            |        |                |               |            | 13.8<br>.5    | 4.6          |             |            |                   |               |                   | 18.          |
| olinao  |            |              |            |        |                |               |            |               |              |             |            |                   |               |                   |              |
| an Fernando, Union  |            |              |            |        |                |               | .5         | 5.3           |              |             |            | 1.5               |               |                   | 8.           |
| chagüeagada, Mountain Provincea                                       |            |              | 6. 9       | 2.5    |                |               |            | 5.1           |              |             |            |                   | 4.6           |                   | 29.          |
| ontoc, Mountain Frovince  |            |              |            |        |                |               | 19. 6      |               | 2.8          |             | 1          | 4. 1              | 1.8           |                   | 8.<br>23.    |
| ontoc, Mountain Provinces<br>andon<br>illavieja, Pilar, Abras         |            |              |            |        |                |               |            |               |              |             |            |                   | 1.0           |                   | 20.          |
| igan  |            |              |            |        |                |               |            |               |              |             |            |                   |               |                   |              |
| uguegaraoa Paz, Abraª   |            |              |            |        |                |               |            | 9.2           |              |             |            |                   | 5.3           |                   | 21.          |
| aoag  |            |              |            |        |                |               |            |               |              | .8          |            |                   |               |                   |              |
| parri<br>ape Bojeador   |            |              | . 5        |        |                |               | 1.6        |               |              |             |            | 8.7               | 9.2           | . 5               | 38.          |
| ane poleagor  |            |              | 4.6        | 9. 1   |                |               |            |               |              |             |            |                   |               |                   | 13.          |

<sup>\*</sup> No observation.

a Voluntary or coöperative station.

b Rain in 24 hours beginning 8 a. m.

c Rain in 24 hours beginning 7 a. m.

<sup>&</sup>lt;sup>d</sup> Amount of rainfall from 13 to 18. <sup>e</sup> Amount of rainfall from 22 to 28. <sup>f</sup> 28 days of observation.

MAXIMUM AND MINIMUM TEMPERATURES AT THE STATIONS OF THE WEATHER BUREAU, NOVEMBER, 1918.

| Door                                  | Jo  | lo.   | Isal<br>Bas   | oela,<br>ilan.   | Zamb   | oanga.  | Da   | vao.  | Cota   | bato.  | Camp<br>ley, I  | Keith-<br>anao.  |   | ayan,<br>amis.   | But  | uan.   |
|---------------------------------------|---|---|---|--|--|---|--|---|--|--|---|--|---|--|--|--|
| Day.                                  |   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  |   | Maxi-<br>mum.  | Mini-<br>mum.  |   |  | Maxi-<br>mum.   |  | Maxi-<br>mum.  | Mini<br>mun  |
|                                       | °C.   | °C.   | °C.   | °C.  | °C.  | °C.   | °C.  | °C.   | °C.  | °C.  | °C.   | °C.  | $^{\circ}C.$  | °C.  | °C.  | °c.  |
| 1                                     | 30.8  | 22  | 32.6  | 23.1   | 30.9   | 23. 2   | 34.2   | 21.5  | 32   | 23.2   | 26.8  | 18   | 31.4  | 22   | 31.5   | 22.5   |
| 2                                     |   | 22.6  | 31.1  | 22.7   | 28.2   | 23.7  | 33.4   | 20.8  | 32   | 22.7   | 27.3  | 18.7   | 31.8  | 21.8   | 30.8   | 22.3   |
| 3                                     | 30.6  | 22.3  | 33.1  | 22.6   | 32. 2<br>32. 1   | 23<br>23. 5   | 33. 7<br>33. 3   | 21.1  | 32.5   | 21.6<br>22.8   | 26.8  | 17.9   | 31.9  | 21.6   | 30.5   | 21. 9  |
| 4<br>5                                |   | 22<br>22. 1   | 31. 6<br>32. 6  | 22.6<br>21.6   | 29.2   | 23.5  | 33.6   | 22<br>21, 4   | 32<br>31   | 22.6   | 26.8<br>26.7  | 18. 4<br>17. 5   | 27.8<br>31.4  | 22.6<br>21   | 26.5<br>32.1   | 22.5   |
| }                                     |   | 24.1  | 34.1  | 23.1   | 32.3   | 23.5  | 28.3   | 22  | 30   | 23.6   | 26.8  | 20. 2  | 32.8  | 22.5   | 32.7   | 21.  |
| ?                                     |   | 23.1  | 35.6  | 23.1   | 32.1   | 23. 5<br>23   | 33.1   | 19.5  | 32. 4  | 22.2   | 26.7  | 17.8   | 32.4  | 20.5   | 34.7   | 20.  |
| }                                     |   | 22.8  | 33.6  | 22.7   | 30.5   | 24  | 29.7   | 22.4  | 29.3   | 22.5   | 26.9  | 18.3   | 33.8  | 21.8   | 31.9   | 21.  |
| )                                     |   | 23.8  | 34.6  | 23.6   | 28.7   | 23.3  | 29. 7<br>27. 8<br>28. 8  | 21.9  | 29   | 23   | 26. 9   | 19   | 29  | 22.6   | 28.2   |  |
| )                                     | 31.5  | 22.3  | 33.7  | 22, 1  | 32.7   | 23<br>23.3  | 28.8   | 21  | 28.7   | $\frac{23}{22.5}$  | 26.5  | 18.5   | 30.7  | 21   | 30.3   |  |
| ļ                                     |   | 23  | 31.1  | 22.6   | 29   | 23.3  | 33.1   | 21.6  | 30.2   | 23.3   | 26.9  | 18.5   | 31.7  | 22.5   | 32.7   | 21   |
| <del>-</del>                          |   | 23.2  | 31.6  | 22.3   | 31.2   | 23.2  | 32, 8  | 21.1  | 31   | 21.5   | 27.1  | 19.5   | 31.6  | 22.9   | 32.8   | 22.  |
|                                       |   | 22.5  | 32.9  | 23.6   | 32   | 23.2  | 31.5   | 21  | 29.7   | 22.7   | 27  | 17.7   | 31.6  | 21.2   | 29.1   | 22.  |
| · · · · · · · · · · · · · · · · · · · |   | 23.1  | 34.1  | $22.1 \\ 23.1$   | 31.3   | 22.8<br>23.2  | 32.6   | 19.9<br>21.4  | 31.5   | 22.2   | 26.8<br>26.7  | 16.5<br>18.2   | 31.8<br>32.2  | 20<br>21.8   | 32.1   | 21.  |
|                                       |   | 22.6<br>22.5  | 34.6<br>33.6  | 22.1   | 32.7<br>29.3   | 23.5  | 32. 6<br>33. 7   | 19. 9   | 30.5   | 22<br>21.8   | 26. 1   | 17.3   | 31.4  | 21.8   | 33. 3<br>30. 4   | 22<br>22.  |
|                                       |   | 22.4  | 33.9  | 22.6   | 31.2   | 23.4  | 34   | 19.7  | 32   | 21.8   | 27.8  | 18   | 31. 5   | 20.9   | 32.4   | 21.  |
|                                       |   | 21.7  | 33.1  | 22.1   | 31. 5  | 23.4  | 33.7   | 20.5  | 31.7   | 23.5   | 26.4  | 19.5   | 31.5  | 21.3   | 31.6   | 20.  |
|                                       | 31. 2   | 21.5  | 34.6  | 22.6   | 32.2   | 23.4  | 33.2   | 20.2  | 31   | 22.2   | 26.5  | 18   | 32.1  | 21.3   | 30.6   | 21.  |
|                                       | 30.7  | 22.1  | 33.3  | 21.6   | 32.5   | 22.8  | 33.7   | 21.9  | 32   | 23.3   | 26.4  | 18   | 32  | 21.5   | 30.4   | 22.  |
|                                       | 32  | 22.4  | 33.1  | 23.1   | 31.3   | 23.2  | 33. 7  | 21.3  | 32   | 23.2   | 27.3  | 17.4   | 32  | 21.4   | 31.6   | 22.  |
|                                       | 29.8  | 21.8  | 33.3  | 22.3   | 29.4   | 22.4  | 33.3   | 20.7  | 32.1   | 23.1   | 27.4  | 18.3   | 31.8  | 22   | 33.1   | 22   |
|                                       |   | 22.2  | 33.6  | 24.1   | 30.4   | 22.9<br>23.4  | 33.7   | 21.2  | 32<br>32.5   | 23.1   | 27.4  | 18   | 32.1  | 22.8   | 33.3   | 22.  |
|                                       |   | 23. 4<br>22. 9  | 32.6<br>31.1  | 22.6<br>22.1   | 29.1<br>29.9   | 23.4  | 34. 1<br>33. 5   | 21. 4<br>20. 7  | 32.5   | 21.2<br>23.3   | 27.3<br>27.6  | 20<br>18. 6  | 33<br>32.1  | 22.8   | 33. 1<br>33. 2   | 21.<br>23.   |
|                                       |   | 21.8  | 31.6  | 22.3   | 28.6   | 24.2  | 34   | 20. 2   | 31.7   | 22.5   | 27.4  | 18. 2  | 32.2  | 21.4   | 32.9   | 22.  |
|                                       |   | 21.8  | 32.6  | 22.6   | 30.9   | 23.2  | 34.7   | 22.3  | 31.5   | 23.7   | 26.8  | 18. 2  | 32.2  | 22.2   | 33.6   | 21.  |
|                                       | 29.8  | 23. 1   | 33.6  | 23.1   | 33.1   | 23  | 33.7   | 20.5  | 32.5   | 22.7   | 26.9  | 18.1   | 32  | 21.5   | 33.4   | 21.  |
|                                       |   | 21.8  | 33.6  | 22, 1  | 30.5   | 23  | 34.2   | 20.9  |  |  | 27.5  | 17.4   | 31.4  | 21   | 32.9   | 22.  |
|                                       | 29.8  | 24.7  | 32.3  | 21.6   | 31.7   | 23.8  | 29.5   | 21.2  |  |  | 27.3  | 19.8   | 32.2  | 23.9   | 33.6   | 22.  |
| Mean                                  | 30.5  | 22, 6   | 33. 1   | 22.6   | 30.9   | 23.3  | 32.7   | 21  | 31, 3  | 22.6   | 27  | 18. 3  | 31.7  | 21.8   | 31.8   | 22   |
|                                       | 00.0  |   |   | 22.0   | 00.0   | 20.0  | 02   |   | 02.0   |  |   | 1 20.0   |   |  | 02.0   |  |
|                                       | <u> </u><br>  | bajao.  |   | guete.   | 1  | /estern   | <u> </u>   | laran.  |  | hig.   | !   | igao.  | !   | asin.  | 1  | bu.  |
| Day.                                  | Mam   | l   |   | guete.   | Yap, W   | /estern   | Tagbi  | laran.  |  | hig.   | !   | <u> </u>   | !   | asin.  | 1  | Min  |
| Day.                                  | Maxi-   | Mini-<br>mum.   | Duma<br>Maxi-<br>mum.   | Mini-<br>mum.  | Yap, W<br>Caro<br>Maxi-<br>mum.  | Vestern<br>lines.<br>Mini-<br>mum.  | Maxi-  | Mini-<br>mum.   | Iwa<br>Maxi-<br>mum.   | Mini-<br>mum.  | Sur<br>Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-  | Min<br>mur   |
|                                       | Maxi-<br>mum.   | Mini-<br>mum.   | Duma<br>Maxi-<br>mum.   | Mini-<br>mum.  | Yap, W<br>Caro<br>Maxi-<br>mum.  | Vestern lines.  Minimum.  | Tagbi  | laran.  | Iwa<br>Maxi-   | Mini-<br>mum.  | Maxi-mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-mum.  | Min  |
|                                       | Maximum.  | Mini-<br>mum.   | Duma<br>Maxi-<br>mum.   | Minimum.   | Yap, W<br>Caro<br>Maxi-<br>mum.  | Vestern<br>lines.<br>Mini-<br>mum.  | Maxi-  | Mini-mum.   | Maxi-<br>mum.<br>°C.<br>30.1   | Mini-<br>mum.  | Maxi-mum.  *C. 29.2 29.8  | Mini-<br>mum.<br>°C.<br>23.5<br>22.8   | Maxi-<br>mum.<br>°C.<br>32.4  | Mini-<br>mum.<br>°C.<br>22.8<br>22.2   | Maxi-  | Mir<br>mur<br>°C<br>24<br>25.0   |
|                                       | Maxi-<br>mum.<br>*C.<br>29.8-<br>29.9<br>28.4   | Minimum.  | Duma Maximum.  *C. 29.8 31.8 29.9   | Minimum.  *C. 26 25.8 24.8   | Yap, W<br>Caro<br>Maxi-<br>mum.<br>°C.<br>33. 2<br>32. 7<br>33. 1  | Vestern lines.  Minimum.  °C. 24.5 24.8 24.7  | Maximum.   | Minimum.  °C.  22.4   | Maximum.  *C. 30.1 31.8 31.8   | Mini-<br>mum.<br>°C.<br>21.7<br>19.5<br>19.9   | Maximum.  *C. 29.2 29.8 26.3  | Mini-<br>mum.<br>°C.<br>23.5<br>22.8<br>23.6   | Maximum.  | Minimum.  *C. 22.8 22.2 22.8   | Ce Maximum.  °C. 31 31.1 30.1  | Mir<br>mur<br>24<br>25.<br>24.   |
|                                       | Maximum.  *C. 29.8- 29.9 28.4 25.5  | Minimum.  *C. 24.4 23.8 23.9 23.3   | Duma Maximum.  °C. 29.8 31.8 29.9 28  | Minimum.  *C. 25.8 24.8 23.3   | Yap, W Carol Maximum.  *C. 33. 2 32. 7 33. 1 32. 7   | Vestern lines.  Minimum.  °C. 24.5 24.8 24.7 25   | Maximum.  °C.  32. 3 31. 7 25. 8   | Mini-<br>mum.<br>°C.  | Maximum.  *C. 30.1 31.8 31.8 31.5  | Minimum.  *C. 21.7 19.5 19.9 20.1  | Maximum.  *C. 29.2 29.8 26.3 25.6   | Mini-<br>mum.<br>°C.<br>23.5<br>22.8<br>23.6<br>23.3   | Maxi-<br>mum.<br>*C.<br>32.4<br>32<br>32<br>32  | Minimum.  *C. 22.8 22.8 22.2 22.8 22.5   | Ce Maximum.  °C. 31 31.1 30.1 27   | Mir<br>mur<br>24<br>25.<br>24.<br>23.  |
|                                       | Maximum.  *C. 29.8- 29.9 28.4 25.5 29.8   | Mini-<br>mum.<br>°C.<br>24. 4<br>23. 8<br>23. 9<br>23. 3<br>24  | Duma Maximum.  °C. 29.8 31.8 29.9 28 30.5   | Minimum.  *C. 26 25.8 24.8 23.3  | Yap, W<br>Carol<br>Maxi-<br>mum.<br>°C.<br>33. 2<br>32. 7<br>33. 1<br>32. 7<br>32. 4   | Vestern lines.  Minimum.  °C. 24.5 24.8 24.7 25 26  | Maximum.  °C.  32.3 31.7 25.8 31.4   | Mini-<br>mum.<br>°C.<br>22.4<br>23<br>22.5<br>22.7  | Maximum.  *C. 30.1 31.8 31.8 31.5 32.1   | Minimum.  *C. 21.7 19.5 19.9 20.1 20.4   | Maximum.  *C. 29.2 29.8 26.3 25.6 28.5  | Mini-<br>mum.<br>°C.<br>23.5<br>22.8<br>23.6<br>23.3<br>22.8   | Maximum.  *C. 32.4 32 32 32 30 32.1   | Minimum.  *C. 22.8 22.2 22.8 22.5 22.4   | Ce Maximum.  °C. 31 31.1 30.1 27 30.6  | Mir<br>mur<br>24<br>25.<br>24.<br>23.<br>24.   |
|                                       | Mami<br>Maxi-<br>mum.<br>°C.<br>29.8-<br>29.99<br>28.4<br>25.5<br>29.8  | Minimum.  *C. 24.4 23.8 23.9 23.3 24 25.5   | Maximum.  *C. 29.8 31.8 29.9 28 30.5 31.4   | Minimum.  *C. 26 25.8 24.8 23.3 24 25.8  | Yap, W<br>Carol<br>Maxi-<br>mum.<br>°C.<br>33. 2<br>32. 7<br>33. 1<br>32. 7<br>32. 7<br>32. 4  | Vestern lines.  Minimum.  °C. 24.5 24.8 24.7 25 26 25.2   | Maximum.  *C.  32.3 31.7 25.8 31.4 32.6  | Mini-<br>mum.<br>°C.<br>22. 4<br>23<br>22. 5<br>22. 7<br>22. 7  | Maximum.  *C. 30.1 31.8 31.8 31.5 32.1 32.1  | Minimum.  *C. 21.7 19.5 19.9 20.1 20.4 20.5  | Maximum.  *C. 29.2 29.8 26.3 25.6 28.5 31   | Mini-<br>mum.<br>°C.<br>23.5<br>22.8<br>23.6<br>23.3<br>22.8<br>23.7   | Maximum.  *C. 32.4 32 32 30 32.1 32.4   | Mini-<br>mum.<br>°C.<br>22. 8<br>22. 2<br>22. 8<br>22. 5<br>22. 4<br>22. 2   | Ce Maximum.  °C. 31 31.1 30.1 27 30.6 30.3   | Mir<br>mu:<br>24<br>25.<br>24.<br>23.<br>24.<br>24.  |
|                                       | Mami<br>Maxi-<br>mum.<br>°C.<br>29.8-<br>29.9<br>28.4<br>25.5<br>29.8<br>31<br>29.6                                   | Mini-<br>mum.<br>•C.<br>24. 4<br>23. 9<br>23. 3<br>24<br>25. 5<br>24. 6   | Duma Maximum.  °C. 29.8 31.8 29.9 28 30.5 31.4 30.4   | Mini-<br>mum.<br>°C.<br>26.<br>25. 8<br>24. 8<br>23. 3<br>24<br>25. 8<br>24. 25. 8   | Yap, W<br>Carol<br>Maxi-<br>mum.<br>°C.<br>33. 2<br>32. 7<br>33. 1<br>32. 7<br>32. 4<br>32. 7<br>32. 9   | Vestern lines.  Minimum.  °C. 24.5 24.8 24.7 25 26 25.2 25.6  | Maximum.  °C.  32. 3 31. 7 25. 8 31. 4 32. 6 31. 7   | Mini-<br>mum.<br>°C.<br>22. 4<br>23<br>22. 5<br>22. 7<br>22. 5<br>22. 5   | Maximum.  °C. 30.1 31.8 31.5 32.1 32.1 32.1  | Mini-<br>mum.<br>°C.<br>21.7<br>19.5<br>19.9<br>20.1<br>20.4<br>20.5<br>19.5   | Maximum.  °C. 29.2 29.8 26.3 25.6 28.5 31 31.3  | Mini-<br>mum.<br>°C.<br>23.5<br>22.8<br>23.6<br>23.3<br>22.8<br>23.7<br>23.5   | Maximum.  *C. 32. 4 32 32 30 32. 1 32. 4 33   | *C. 22.8 22.2 22.8 22.5 22.4 22.2 22.2 22.2  | Ce Maximum.  °C. 31 31.1 30.1 27 30.6 30.3 31.2  | Mir<br>mu<br>24<br>25.<br>24.<br>23.<br>24.<br>24.<br>25.  |
|                                       | Maximum.  *C. 29.8-29.9 28.4 25.5 25.8 29.8 31.6 30.6   | Mini-<br>mum.<br>*C.<br>24. 4<br>23. 8<br>23. 9<br>23. 3<br>24<br>25. 5<br>24. 6<br>25. 3   | Maximum.  *C. 29.8 31.8 29.9 28 30.5 31.4   | Minimum.  °C. 26 25.8 24.8 23.3 24 25.8 24.8 24.25   | Yap, W<br>Carol<br>Maxi-<br>mum.<br>°C.<br>33. 2<br>32. 7<br>32. 7<br>32. 4<br>32. 7<br>32. 9<br>31. 8   | Vestern lines.  Minimum.  °C. 24.5 24.8 24.7 25 26 25.2   | Maximum.  *C.  32.3 31.7 25.8 31.4 32.6  | Mini-<br>mum.<br>°C.<br>22. 4<br>23<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>23. 5<br>24. 5<br>25. 5<br>26. 5<br>26. 5<br>26. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27. 5<br>27   | Maximum.  *C. 30.1 31.8 31.8 31.5 32.1 32.1  | Minimum.  *C. 21.7 19.5 19.9 20.1 20.4 20.5  | Maximum.  *C. 29.2 29.8 26.3 25.6 28.5 31   | "C. 23.5 22.8 23.7 23.5 23.8   | Maximum.  *C. 32.4 32 32 30 32.1 32.4 33 32 32  | Mini-<br>mum.<br>°C.<br>22. 8<br>22. 2<br>22. 8<br>22. 5<br>22. 4<br>22. 2   | Ce Maximum.  °C. 31 31.1 30.1 27 30.6 30.3 31.2 31.2   | Mir<br>mu<br>24<br>25.<br>24.<br>23.<br>24.<br>24.<br>25.<br>25.   |
|                                       | Mami-<br>Maxi-<br>mum.<br>°C.<br>29. 8-<br>29. 9<br>28. 4<br>25. 5<br>29. 8<br>31<br>29. 6<br>30. 6<br>30. 6<br>30. 7 | Minimum.  *C. 24.4 23.8 23.9 23.3 24 25.5 24.6 25.3 23.4  | Duma Maximum.  °C. 29.8 31.8 29.9 28 30.5 31.4 30.4 30.9 29.8   | Minimum.  *C. 26 25.8 24.8 24.2 25.8 24.2 26.8 26.2  | Yap, W<br>Caro<br>Maxi-<br>mum.<br>*C.<br>33. 2<br>32. 7<br>33. 1<br>32. 7<br>32. 4<br>32. 4<br>32. 7<br>32. 9<br>31. 8<br>33. 3   | Winimum.  *C. 24.5 24.8 24.7 25 26 25.2 25.6 25 26  | Maximum.  *C.  32.3 31.7 25.8 31.4 32.6 31.7 33.3 31.7   | Mini-<br>mum.<br>°C.<br>22. 4<br>23<br>22. 5<br>22. 7<br>22. 5<br>22. 5<br>22. 5<br>22. 3<br>22. 3<br>22. 3   | Maximum.  *C. 30.1 31.8 31.8 31.5 32.1 32.1 32.1 32.1 32.3   | Minimum.  *C. 21.7 19.5 19.9 20.1 20.4 20.5 19.5 20.6  | Maximum.  *C. 29.2 29.8 26.3 25.6 28.5 31 31.3 30.9 30.6  | Mini-<br>mum.<br>°C.<br>23.5<br>22.8<br>23.6<br>23.3<br>22.8<br>23.7<br>23.5   | Maximum.  *C. 32. 4 32 30 32.1 32.4 33 32 32 32 30 32.1 32.4 33 32 32 32 32 32 32 32 32   | *C. 22.8 22.5 22.4 22.2 22.2 22.7 22.5 22.4  | Ce Maximum.  °C. 31 31.1 30.1 27 30.6 30.3 31.2 31.12 31.12  | Mir mu: 24 25. 24. 23. 24. 25. 24. 25. 24.   |
|                                       | Mami-<br>Maxi-<br>mum.<br>• C.<br>29. 8-<br>28. 4<br>25. 5-<br>29. 8<br>31<br>29. 6<br>30. 6<br>29. 7<br>29. 8        | Mini-<br>mum.<br>*C.<br>24. 4<br>23. 8<br>23. 9<br>23. 3<br>24<br>25. 5<br>24. 6<br>25. 3   | Maximum.  °C. 29.8 30.5 31.4 30.4 30.9 29.8 31.5  | Minimum.  °C. 26 25.8 24.8 25.8 24.2 26.8 25.2 23.8  | Yap, W<br>Carol<br>Maxi-<br>mum.<br>°C.<br>33.2, 7<br>33.1, 32.4<br>32.7<br>32.9<br>31.8<br>33.3<br>31.2   | Vestern lines.  Minimum.  °C. 24.5 24.8 24.7 25 26 25.2 25.6 25 26 25 26 25 26 25 24.5  | Maximum.  °C.  32.3 31.7 25.8 31.4 32.6 31.7 33.3 31.7 31.8 31.3   | Mini-<br>mum.<br>°C.<br>22.4<br>23<br>22.5<br>22.7<br>22.5<br>22.5<br>22.3<br>22.3<br>22.8  | Maximum.  *C. 30.1.3 31.8 31.8 31.5 32.1 32.1 32.1 32.1 32.1 32.3 32.1 32.1  | Minimum.  °C. 21.7 19.5 19.9 20.1 20.5 19.5 20.6 20.1 21.1   | Maximum.  *C. 29.2 29.8 26.3 25.6 28.5 31 31.3 30.9 30.6 29.6   | Mini-mum.  °C. 23.5 22.8 23.6 23.3 22.8 23.7 23.5 23.8 24.1 24 23.5  | Maximum.  *C. 32.4 32 32 32 32.1 32.4 33 32.4 33 32.4 31 32.4 31  | Mini-mum.  *C. 22.8 22.2 22.8 22.2 22.2 22.2 22.2 23.7 22.5 23.6 23  | Maximum.  °C. 31 31.1 30.1 27 30.6 30.3 31.2 31.1 29.5 30.4  | Mir mu 24 25. 24. 23. 24. 25. 24. 24. 25. 24. 25. 24. 25. 24.  |
|                                       | Mami-<br>Maxi-<br>mum.<br>• C.<br>29. 8-<br>28. 4<br>25. 5-<br>29. 8<br>31<br>29. 6<br>30. 6<br>29. 7<br>29. 8        | Minimum.  *C. 24.4 23.8 23.9 23.3 24 25.5 24.6 25.3 23.4 23.5   | Maximum.  °C. 29.8 31.4 30.4 30.4 30.9 29.8 31.5  | Mini-<br>mum.<br>°C.<br>26.<br>25.<br>24.<br>28.<br>24.<br>25.<br>26.<br>26.<br>25.<br>24.<br>25.<br>26.<br>25.<br>26.<br>25.<br>24.<br>25.<br>26.<br>25.<br>26.<br>27.<br>28.<br>28.<br>28.<br>28.<br>28.<br>28.<br>28.<br>28   | Yap, W<br>Caro<br>Maxi-<br>mum.<br>*C.<br>33. 2<br>32. 7<br>33. 1<br>32. 7<br>32. 4<br>32. 4<br>32. 7<br>32. 9<br>31. 8<br>33. 3   | Winimum.  *C. 24.5 24.8 24.7 25 26 25.6 25 26   | Maximum.  *C.  32. 3 31. 7 25. 8 31. 7 25. 8 31. 7 33. 3 31. 7 31. 8 31. 3   | Mini-mum.  *C.  22.4 23 22.5 22.5 23 22.5 23 22.8 22.8 22.8   | Maximum.  *C. 30.1 31.8 31.5 32.1 32.1 32.1 32.1 32.1 32.1 31.6  | Minimum.  *C. 21.7 19.5 19.9 20.1 20.4 20.4 20.9   | Maximum.  *C. 29.2 29.8 26.3 25.6 28.5 31 31.3 30.9 30.6 29.6 28 30.7   | Mini-mum.  °C. 23.5 22.8 23.6 23.3 22.8 23.7 23.5 23.8 24.1 24 23.5 23.4   | Maximum.  *C. 32.4 32 30 32.1 32.4 33 32 30 32.1 32.4 31 32.4 31 32.4 31 32.5   | Mini-mum.  *C. 22.8 22.2 22.8 22.5 22.4 22.2 22.2 23.7 22.5 23.6 23 22.5   | Maximum.  *C. 31 31.1 30.1 27 30.6 30.3 31.2 31.1 29.5 30.4 29.4   | Mir<br>mur<br>24<br>25.<br>24.<br>24.<br>25.<br>24.<br>25.<br>25.<br>24.<br>25.<br>25.<br>24.<br>25.<br>25.<br>25.<br>25.<br>25.<br>26.<br>27.<br>28.<br>29.<br>29.<br>29.<br>29.<br>29.<br>29.<br>29.<br>29.<br>29.<br>29   |
|                                       | Mamimum.  *C. 29.8- 29.9 28.4 25.5 29.8 31 29.6 30.6 29.7 29.8  | Minimum.  *C. 24.4 23.8 23.9 23.3 24 25.5 24.6 25.3 23.4 23.5   | Maximum.  *C. 29.8 31.8 29.9 28 30.5 31.4 30.9 29.8 31.5 31 29.6 29.8   | Minimum.  *C. 26 25.8 24.8 23.3 24 25.8 24.2 26.8 23.1 24.4 24.6   | Yap, W<br>Carol<br>Maxi-<br>mum.<br>°C.<br>33.2, 7<br>33.1, 32.4<br>32.7<br>32.9<br>31.8<br>33.3<br>31.2   | Vestern lines.  Minimum.  °C. 24.5 24.8 24.7 25 26 25.2 25.6 25 26 25 26 25 26 25 24.5  | Maximum.  *C.  32.3 31.7 25.8 31.4 32.6 31.7 33.3 31.7 31.8 31.3 31.2 29.1   | Mini-<br>mum.<br>°C.<br>22.4<br>23<br>22.5<br>22.7<br>22.5<br>22.8<br>22.8<br>22.8<br>22.5  | Maximum.  *C. 30.1 31.8 31.8 31.5 32.1 32.1 32.1 32.1 32.1 32.3 32.1 32.8  | Minimum.  °C. 21.7 19.5 19.9 20.1 20.4 20.5 19.5 20.6 20.1 21.1 20.4 20.9  | Maximum.  *C. 29.29.8 26.3 25.6 28.5 31 31.3 30.9 30.6 29.6 28.3 30.7 28.3  | Minimum.  *C. 23.5 22.8 23.6 23.3 22.8 23.7 23.5 23.8 24.1 24.1 23.4 23.5 23.4 23.4 23.4 23.4  | Maximum.  **C. 32. 4 32 32 32 30 32. 1 32. 4 33. 32 32. 4 33. 32 32. 4 32. 5 30. 9  | Minimum.  *C. 22.8 22.2 22.8 22.5 22.4 22.2 23.7 22.5 23.6 23 22.5 22.1  | Maximum.  °C. 31. 30.1 27. 30.6 30.3 31.2 29.5 30.4 29.4 31. 29.8  | Mir<br>mur<br>24<br>25.<br>24.<br>24.<br>25.<br>25.<br>24.<br>25.<br>25.<br>22.<br>23.<br>23.<br>23.   |
|                                       | Mami-<br>mum.<br>°C.<br>29.8-<br>29.9<br>28.4<br>25.5<br>29.8<br>31<br>29.6<br>30.6<br>30.7<br>29.8                   | Minimum.  *C. 24.4 23.8 23.9 23.3 24 25.5 24.6 25.3 23.4 23.5   | Maximum.  *C. 29.8 31.8 29.9 28 30.5 31.4 30.4 30.9 29.8 31.5 31 29.6 29.8 29.5   | Minimum.  *C. 26 25.8 24.8 24.8 24.2 26.8 24.2 26.8 24.2 24.4 24.4 24.4 24.6   | Yap, W<br>Carol<br>Maxi-<br>mum.<br>°C.<br>33.2, 7<br>33.1, 32.4<br>32.7<br>32.9<br>31.8<br>33.3<br>31.2   | Vestern lines.  Minimum.  °C. 24.5 24.8 24.7 25 26 25.2 25.6 25 26 25 26 25 26 25 24.5  | Maximum.  °C.  32.3 31.7 25.8 31.4 32.6 31.7 31.8 31.3 31.7 31.8 31.3 31.2 29.1  | Mini-<br>mum.<br>°C.<br>22. 4<br>23<br>22. 5<br>22. 7<br>22. 5<br>23.<br>22. 5<br>22. 3<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 5<br>22. 3<br>22. 5<br>22. 3<br>22. 5<br>22. 3<br>22. 5<br>22. 8<br>22. 8<br>22. 8<br>22. 5<br>22. 8<br>22. 8<br>22. 8<br>22. 5<br>22. 8<br>22. 8<br>22. 8<br>22. 5<br>22. 5<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>23. 8<br>24. 8<br>25. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26. 8<br>26.  | Maximum.  *C. 30.1 31.8 31.8 31.5 32.1 32.1 32.1 32.1 32.3 32.1 32.3 32.1 32.3 32.1 32.3   | Minimum.  *C. 21.7 19.5 19.9 20.1 20.4 20.5 19.5 20.6 20.1 21.1 20.4 20.9 20.9   | Maximum.  *C. 29.2 29.8 26.3 25.6 28.5 31.3 30.9 30.6 29.6 28 30.7 28.3 29  | Mini-<br>mum.<br>°C.<br>23.5<br>22.8<br>23.6<br>23.3<br>22.8<br>23.7<br>23.5<br>23.8<br>24.1<br>24.1<br>23.4<br>23.4<br>23.5<br>23.4<br>23.5                       | Maximum.  *C. 32.4 32 32 32.32 32.1 32.4 33 32.5 30.9 30.5  | *C. 22.8 22.2 22.5 22.4 22.2 22.2 22.2 22.2 22.2   | Ce Maximum.  °C. 31 30.1 27 30.6 30.3 31.2 31.1 29.5 30.4 29.4 29.4 31 29.8 31.4   | Min mun 24 25. 24. 25. 24. 25. 24. 25. 24. 23. 23. 24. 23. 24. 25. 24. 25. 24. 25. 24. 24. 25. 25. 24. 24. 25. 25. 24. 24. 25. 25. 24. 25. 25. 24. 25. 25. 24. 25. 25. 24. 25. 25. 24. 25. 25. 24. 25. 25. 25. 24. 25. 25. 25. 25. 25. 25. 25. 25. 25. 25  |
|                                       | Mami-<br>mum.<br>*C.<br>29. 8-<br>29. 9<br>28. 4<br>25. 5<br>29. 8<br>31.<br>29. 6<br>30. 6<br>29. 7<br>29. 8         | Minimum.  *C. 24.4 23.8 23.9 23.3 24.5 24.6 25.3 24.6 25.3 23.5 23  | Maximum.  *C. 29.8 31.8 29.9 28 30.5 31.4 30.9 29.8 31.5 31 29.6 29.8 29.5 31.9   | Minimum.  *C. 26 25.8 24.8 23.3 24 25.8 24.2 26.8 23.1 24.4 24.6 24 24.6   | Yap, W<br>Carol<br>Maxi-<br>mum.<br>°C.<br>33.2, 7<br>33.1, 32.4<br>32.7<br>32.9<br>31.8<br>33.3<br>31.2   | Vestern lines.  Minimum.  °C. 24.5 24.8 24.7 25 26 25.2 25.6 25 26 25 26 25 26 25 24.5  | Maximum.  *C.  32.3 31.7 25.8 31.4 32.6 31.7 33.3 31.7 31.8 31.2 29.1 30.2   | %C. 22.4 23 22.5 22.7 22.5 22.3 22.8 22.8 22.1 22.5 22.3 21.6   | Maximum.  *C. 30.1 31.8 31.8 31.5 32.1 32.1 32.1 32.1 32.1 32.1 32.3 32.1 31.6 31.5 31.5   | Minimum.  *C. 21.7 19.5 19.9 20.1 20.4 20.5 19.5 20.6 20.1 21.1 20.4 20.9 20.9 19.9  | Surimum.  *C. 29.2 29.8 26.3 25.6 28.5 31 31.3 30.9 30.6 29.6 28 30.7 28.3 29 30.1  | Minimum.  *C. 23.5 22.8 23.6 23.3 22.8 23.7 23.5 23.8 24.1 24 23.4 23.4 22.5 23.4  | Maximum.  *C. 32. 4 32 32 30 32. 1 32. 4 33 32 32. 4 32. 5 30. 9 30. 5  | Minimum.  *C. 22.8 22.2 22.8 22.5 22.4 22.2 23.7 22.5 23.6 23 22.5 22.1  | Ce Maximum.  °C. 31. 31.1 30.1 27. 30.6 30.3 31.2 29.5 30.4 29.4 31. 29.8 31.4 31.3  | Mir mun  *C 24 25.6 24.25.6 24.25.6 24.25.6 24.25.6 24.24.6 24.6 24.6 24.6 24.6 24.6 24.6  |
|                                       | Mami-<br>mum.<br>°C.<br>29.8-<br>29.9<br>28.4<br>25.5<br>29.8<br>31<br>29.6<br>30.6<br>29.7<br>29.8                   | Minimum.  *C. 24.4 23.8 23.9 23.3 24.5 24.6 25.3 24.6 25.3 23.5 23  | Duma  Maximum.  °C. 29.8 31.8 29.9 28 30.4 30.4 30.9 29.8 31.5 31 29.6 29.8 31.5 31 31 31 31 31 31 31 31 31 31 31 31 31                             | Mini-<br>mum.<br>26.<br>25. 8<br>24. 8<br>23. 3<br>24.<br>25. 8<br>24. 2<br>26. 8<br>26. 2<br>23. 8<br>24. 4<br>24. 4<br>24. 4<br>24. 4  | Yap, W<br>Carol<br>Maxi-<br>mum.<br>°C.<br>33.2, 7<br>33.1, 32.4<br>32.7<br>32.9<br>31.8<br>33.3<br>31.2   | Vestern lines.  Minimum.  °C. 24.5 24.8 24.7 25 26 25.2 25.6 25 26 25 26 25 26 25 24.5  | Maximum.  °C.  32.3 31.7 25.8 31.4 32.6 31.7 31.8 31.2 29.1 30.2 31.7 32.5   | Mini-<br>mum.<br>°C.<br>22. 4<br>23<br>22. 5<br>22. 7<br>22. 5<br>22. 3<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>22. 9<br>23. 9<br>24. 9<br>25. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26. 9<br>26   | Maximum.  *C. 30.1 31.8 31.5 32.1 32.1 32.1 32.1 32.1 32.3 32.1 31.6 28.6 28.6 31.5 31.2   | Minimum.  °C. 21.7 19.5 19.9 20.1 20.4 20.9 20.9 20.4 20.4   | Maximum.  °C. 29.2 29.8 26.3 25.6 28.5 31 31.3 30.9 30.6 29.6 28 30.7 28.3 29 30.1  | Mini-<br>mum.<br>°C.<br>23.5<br>22.8<br>23.6<br>23.7<br>23.5<br>23.8<br>24.1<br>24.1<br>23.4<br>23.5<br>23.4<br>23.4<br>22.5<br>23.4<br>23.4                       | Maximum.  *C. 32.4 32 30 32.1 32.4 33 32 32.4 31 32.4 32.5 30.9 30.5 32.1   | Mini-mum.  *C. 22.8 22.2 22.8 22.5 22.4 22.2 22.2 22.3 22.5 23.6 23 22.5 22.1 22.1 22.2 22.2 22.2 22.2 22.2  | Cee Maximum. °C. 31 31.1 27 30.6 30.3 31.2 31.1 29.5 30.4 29.4 31 29.8 31.4 31.3 30.4  | Mir mul<br>°C 24<br>25. 24. 25. 24. 25. 24. 25. 24. 25. 25. 24. 24. 23. 23. 23. 23. 24. 24. 25. 24. 25. 24. 25. 25. 25. 25. 25. 25. 25. 25. 25. 25   |
|                                       | Mamimum.  *C. 29.8- 29.9- 28.4 25.5- 29.8 31 29.6 30.6 29.7 29.8  | Minimum.  *C. 24.4 23.8 23.9 23.3 24.5 24.6 25.3 24.6 25.3 23.5 23  | Maxi-mum.  *C. 29.8 31.8 30.5 31.4 30.9 29.8 31.5 31 29.6 29.8 29.8 31.9 31.4 30.8  | Minimum.  *C. 26 25.8 24.8 23.3 24 25.8 24.2 26.8 24.2 24.6 24.6 24.4 24.6   | Yap, W<br>Carol<br>Maxi-<br>mum.<br>°C.<br>33. 2<br>32. 7<br>32. 4<br>32. 7<br>32. 8<br>31. 8<br>32. 7<br>31. 8<br>31. 2<br>31. 2<br>31. 2   | Vestern lines.  Minimum.  °C. 24.5 24.8 24.7 25 26 25.2 25.6 25 24.5 24.5 24.5  | Maximum.  *C.  32.3 31.7 25.8 31.4 32.6 31.7 31.8 31.2 29.1 30.2 29.1 30.2 31.7 32.5   | Mini-<br>mum.<br>°C.<br>22.4<br>23<br>22.5<br>22.5<br>22.5<br>22.5<br>22.8<br>22.8<br>22.8<br>22.8  | Maximum.  *C. 30.1 31.8 31.8 31.5 32.1 32.1 32.1 32.1 32.1 32.1 31.6 28.6 31.5 31.2 31.1 31.7  | Minimum.  *C. 21.7 19.5 19.9 20.1 20.4 20.5 20.9 19.9 20.4 20.3  | Surimum.  *C. 29.2 29.8 26.3 25.6 31.3 30.9 30.6 28.6 29.6 28.3 20.1 29.7   | Minimum.  *C. 23.5 22.8 23.6 23.3 22.8 23.7 23.5 23.8 24.1 24 23.4 23.4 22.5 23.4 23.4 22.5 23.4 23.6 22.7   | Maximum.  *C. 32.4 32.33 32.1 32.4 33.32 32.4 32.5 30.9 30.5 30.9 30.5 32.1 31.2  | Minimum.  *C. 22.8 22.2.8 22.5 22.4 22.2.2 23.7 22.5 23.6 23 22.1 22 22.2 22.2 22.2 22.2 22.2 22.  | Ce  Maximum.  °C. 31.1 30.1 27 30.6 30.3 31.2 31.1 29.4 31.4 29.4 31.4 31.3 30.4 31.3 30.4 31.3  | Mir must 24 25. 24. 25. 24. 25. 24. 23. 23. 23. 24. 24. 23. 23. 23. 23. 23. 23. 23. 23. 23. 23   |
|                                       | Mamimum.  *C. 29.8- 29.9- 28.4 25.5- 29.8 31 29.6 30.6 29.7 29.8  | Minimum.  *C. 24.4 23.8 23.9 23.3 24.5 24.6 25.3 24.6 25.3 23.5 23  | Duma  Maximum.  29.8 31.8 29.9 28 30.5 31.4 30.9 29.8 29.5 31.4 30.4 30.4 30.4 30.4 30.4 30.4 30.4 30   | Mini-<br>mum.<br>26<br>25. 8<br>24. 8<br>23. 3<br>24<br>25. 8<br>24. 2<br>26. 8<br>25. 2<br>24. 2<br>24. 4<br>24. 4<br>24. 4<br>24. 4<br>24. 6<br>23. 5  | Yap, W Carol Maximum.  *C. 33. 2 32. 7 33. 1 32. 7 32. 9 31. 8 33. 3 31. 2 31. 2   | Vestern lines.  Minimum.  °C. 24.5 24.7 25 26 25.2 26.25 26 25 24.5 24.5  | Maximum.  *C.  32.3 31.7 25.8 31.4 32.6 31.7 33.3 31.7 33.8 31.2 29.1 30.2 31.7 32.5 31.4  | Mini-mum.  22. 4 23 22. 5 22. 5 22. 3 22. 25 22. 3 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 1 22. 5 22. 3 22. 8 22. 8 22. 8 22. 1 22. 5 22. 3 21. 6 22. 5 22. 7  | Maximum.  *C. 30.1 31.8 31.8 31.5 32.1 32.1 32.1 32.1 32.3 32.1 31.6 31.5 31.5 31.5 31.5 30.7  | Minimum.  *C. 21.7 19.9 20.1 20.4 20.5 19.9 20.1 20.4 20.9 20.9 19.9 20.9 19.9 20.4 20.9   | Maximum.  *C. 29.2 29.8 26.8 26.8 25.6 28.5 31.3 30.9 30.6 29.6 28.3 29.1 29.1 29.7 29.6  | Mini-mum.  *C. 23.5 22.8 23.6 23.7 23.5 22.8 24.1 24 23.4 22.5 23.4 22.5 23.6 22.7 23.6  | Maximum.  *C. 32. 4 32. 32 30 32. 1 32. 4 33. 32 32. 4 33. 32. 4 32. 5 30. 9 30. 5 32. 1 31. 2 32. 4 32. 5  | Mini-mum.  *C. 22.8 22.2 22.8 22.5 22.4 22.2 22.5 23.7 22.5 23.6 23.6 23.6 22.1 22 22.2 22.2 22.2 22.2 22.2 22.2   | Ce  Maximum.  °C. 31 31.1 30.1 27 30.6 30.3 31.2 29.5 30.4 29.4 31.3 30.4 31.3 30.4 31.3 30.3  | Mirr mun 24 25.1 24.2 24.2 25.2 24.2 24.2 24.2 23.2 23.2 24.2 24.2 24  |
|                                       | Mamimum.  *C. 29.8- 29.9- 28.4 25.5- 29.8 31 29.6 30.6 29.7 29.8  | Minimum.  *C. 24.4 23.8 23.9 23.3 24 25.5 24.6 25.3 23.4 23.5   | Maximum.  *C. 29.8 31.8 30.5 31.4 30.9 29.8 31.5 31 29.6 29.8 29.5 31.9 31.4 30.8   | Minimum.  26. 25.8 24.8 23.3 24 25.8 24.2 26.8 24.6 24.6 24.6 24.6 24.6 24.6 24.6 24.6   | Yap, W Carol Maximum.  *C. 33. 2 32. 7 33. 1 32. 7 32. 4 32. 7 32. 31. 2 31. 2 31. 2 31. 2 31. 3   | Vestern lines.  Minimum.  °C. 24.5 24.5 24.7 25 26 25.2 25.6 25 24.5 24.5   | Maximum.  *C.  32.3 31.7 25.8 31.4 32.6 31.7 33.3 31.7 31.8 31.2 29.1 30.2 29.1 30.2 31.7 32.5 31.4 31.7   | Mini-mum.  *C.  22.4 23 22.5 22.7 22.5 22.8 22.8 22.8 22.8 22.1 22.5 22.3 21.6 22.5 22.4 20.7 21.1  | Maximum.  *C. 30.1 31.8 31.8 31.8 32.1 32.1 32.1 32.1 32.1 32.3 32.1 32.1  | Minimum.  *C. 21.7 19.5 19.9 20.1 20.4 20.5 20.6 20.11 21.1 20.4 20.9 20.9 19.9 20.4 20.3 19.55                                  | Surimum.  *C. 29, 2 29, 8 26, 3 25, 6 31, 3 30, 9 30, 6 29, 6 29, 6 29, 7 28, 3 29 30, 1 29, 7 29, 7 29, 6 30, 5  | Minimum.  *C. 23.5 22.8 23.6 23.7 23.5 23.8 24.1 24.5 23.4 23.4 22.5 23.4 22.5 23.4 22.5 23.2 22.8   | Maximum.  *C. 32.4 32 32 32 32 32 32 32 32 32 32 32 32 32   | Minimum.  *C. 22.8 22.2 22.8 22.5 22.4 22.2 23.7 22.5 23.6 23 22.5 22.1 22 22.2 22.2 22.1 22 22.2 22.  | Ce  Maximum.  °C. 31 31.1 30.1 27 30.6 30.3 31.2 31.1 29.5 30.4 29.4 31.3 30.4 31.3 30.3 30.3  | Mirr mun 24 25.0 24.1 24.2 25.1 24.2 25.2 25.1 24.2 24.2 24.2 23.2 24.2 24.2 24.2 23.2 24.2 24   |
|                                       | Mami-<br>mum.<br>°C.<br>29.8-<br>29.9<br>28.4<br>25.5<br>29.8<br>31.<br>29.6<br>30.6<br>29.7<br>29.8                  | Mini-<br>mum.<br>°C.<br>24. 4<br>23. 8<br>23. 9<br>23. 3<br>24<br>25. 5<br>24. 6<br>25. 3<br>23. 4<br>25. 5<br>23. 9  | Duma  Maximum.  29.8 31.8 29.9 28 30.5 31.4 30.9 29.8 31.5 31.6 29.8 31.4 30.9 31.4 30.9 31.4 30.9  | Minimum.  *C. 26. 824.824.824.824.824.824.824.824.823.1124.4624.623.5223.8823.1  | Yap, W Carol Maximum.  *C. 33. 2 32. 7 33. 1 32. 7 32. 9 31. 8 33. 3 31. 2 31. 2 31. 2 31. 3 32. 3   | Vestern lines.  Minimum.  °C. 24.5 24.7 25 26 25.2 26.25 26 25 24.5 24.5  | Maximum.  *C.  32.3 31.7 25.8 31.4 32.6 31.7 33.3 31.7 33.8 31.2 29.1 30.2 31.7 32.5 31.4  | Mini-mum.  22. 4 23 22. 5 22. 5 22. 3 22. 25 22. 3 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 1 22. 5 22. 3 22. 8 22. 8 22. 8 22. 1 22. 5 22. 3 21. 6 22. 5 22. 7  | Maximum.  *C. 30.1 31.8 31.8 31.5 32.1 32.1 32.1 32.1 32.3 32.1 31.6 31.5 31.5 31.5 31.5 30.7  | Minimum.  *C. 21.7 19.9 20.1 20.4 20.5 19.9 20.1 20.4 20.9 20.9 19.9 20.9 19.9 20.4 20.9   | Maximum.  *C. 29.2 29.8 26.8 26.8 25.6 28.5 31.3 30.9 30.6 29.6 28.3 29.1 29.1 29.7 29.6  | Mini-mum.  *C. 23.5 22.8 23.6 23.3 22.8 23.7 23.5 23.8 24.1 24.2 23.4 23.5 23.4 22.5 23.4 23.6 22.7 22.3 23.8 23.8   | Maximum.  *C. 32. 4 32. 32 30. 32. 1 32. 4 33. 32. 4 32. 5 30. 9 30. 5 32. 1 31. 2 32. 4 31. 31. 32. 4  | Mini-mum.  *C. 22.8 22.2 22.8 22.5 22.4 22.2 22.5 23.7 22.5 23.6 23.6 23.6 22.1 22 22.2 22.2 22.2 22.2 22.2 22.2   | Ce Maximum.  °C. 31 31.1 30.1 27 30.6 30.3 31.2 29.5 30.4 29.4 31.3 30.4 31.3 30.3 30 31   | Mirr mun 24 25. 24. 24. 25. 24. 24. 25. 24. 24. 23. 23. 23. 24. 24. 23. 23. 23. 23. 23.  |
|                                       | Mamimum.  *C. 29.8- 29.9 28.4 25.5 29.8 31 29.6 30.6 29.7 29.8  | Minimum.  *C. 24.4 23.8 23.9 23.3 24 25.5 24.6 25.3 23.4 23.5 23  | Maxi- mum.  *C. 29.8 31.8 29.9 28 30.5 31.4 30.9 29.8 31.5 31 29.6 31.4 30.9 31.5 31 29.6 31.9 30.1 29.9  | Minimum.  26. 25.8 24.8 23.3 24 25.8 24.2 26.8 24.2 26.8 23.1 24.4 24.6 24.2 24.6 23.5 24  | Yap, W Carol Maximum.  *C. 33. 2 32. 7 33. 1 32. 7 32. 4 32. 7 32. 31. 2 31. 2 31. 2 31. 2 31. 3   | Vestern lines.  Minimum.  °C. 24.5 24.7 25 26 25.2 25.6 25 24.5 24.5 24.5   | Maximum.  *C.  32.3 31.7 25.8 31.4 32.6 31.7 33.3 31.7 33.8 31.2 29.1 30.2 31.7 32.5 31.4 30.0 30.0  | Mini-<br>mum.<br>*C.<br>22.4<br>23<br>22.5<br>22.5<br>22.5<br>22.3<br>22.8<br>22.8<br>22.8<br>22.8<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>22.1<br>23.1<br>23.1<br>24.1<br>25.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26.1<br>26. | Maximum.  *C. 30.1 31.8 31.8 31.5 32.1 32.1 32.1 32.1 32.1 31.6 38.6 31.5 31.1 31.7 30.7   | Minimum.  *C. 21.7 19.9 20.1 20.4 20.5 19.9 20.1 20.4 20.9 19.9 20.9 18.5 18.5 18.9  | Surimum.  *C. 29.2 29.8 26.3 25.6 28.5 31.3 31.3 30.9 30.6 28.3 29.6 28.3 29.6 28.3 29.6 28.3 29.7 28.3 29.7 29.6 30.5 29.6 30.5 29.6 20.7 20.6 20.7 20.7 20.7 20.7 20.7 20.7 20.7 20.7 | Mini-mum.  *C. 23.5 22.8 23.6 23.3 22.8 23.7 23.5 23.8 24.1 24 23.4 22.5 23.4 22.5 23.6 22.7 22.3 23.8   | Maximum.  *C. 32.4 32 32 32 32 32 32 32 32 32 32 32 32 32   | Minimum.  *C. 22.8 22.28 22.5 22.4 22.2 22.2 22.2 22.2 22.2 22.5 22.1 22.5 22.1 22.1   | Ce  Maximum.  °C. 31 31.1 30.1 27 30.6 30.3 31.2 31.1 29.5 30.4 29.4 31.3 30.4 31.3 30.3 30.3  | Mirr mun 24 25. 24. 24. 25. 24. 24. 25. 24. 24. 23. 23. 23. 24. 24. 23. 23. 23. 23. 23.  |
|                                       | Mami-<br>mum.<br>°C.<br>29.8-<br>29.9<br>28.4<br>25.5<br>29.8<br>31<br>29.6<br>30.6<br>29.7<br>29.8                   | Mini-<br>mum.<br>•C.<br>24. 4<br>23. 8<br>23. 9<br>23. 3<br>24. 25. 5<br>24. 6<br>25. 3<br>23. 4<br>25. 5<br>24. 6<br>25. 3                                     | Maxi-mum.  *C. 29.8 31.8 29.9 28 30.5 31.4 30.9 29.8 31.5 31 430.9 30.1 29.9 30.9 30.9  | Mini-mum.  *C. 26 25.8 24.8 23.3 24 25.8 25.2 26.8 23.1 24.4 24.4 24.4 24.4 24.4 24.4 24.4 24  | Yap, W Carol Maximum.  *C. 33.2 32.7 33.1 32.7 32.4 32.4 32.7 32.9 31.8 33.3 31.2 31.2 32 31.2 32 31.2 31.3 32.3 32  | Vestern lines.  Minimum.  °C. 24.5 24.8 24.7 25 26 25 26 25 24.5 24.5 24.6 24.2 24.6  | Maximum.  *C.  32.3 31.7 25.8 31.4 32.6 31.7 33.3 31.7 31.8 31.2 29.1 30.2 31.7 30.9 30.2 31.1 31.2 30.9   | Mini-mum.  22. 4 23 22. 5 22. 7 22. 5 22. 3 22. 8 23. 1 22. 8 23. 1 22. 8 23. 1 22. 5 22. 3 21. 6 22. 7 21. 1 20. 7 22. 8   | Maximum.  *C. 30.1 31.8 31.5 32.1 32.1 32.1 32.3 32.1 31.6 28.6 31.5 31.5 31.1 31.7 31.7 31.3 31.1 32.5 31.1   | Minimum.  *C. 21.7 19.5 19.9 20.1 20.4 20.5 19.9 19.9 20.9 20.3 19.9 18.5 18.9 18.9 18.9 18.9 18.9 19.9                          | Maximum.  *C. 29.2 29.8 26.3 25.6 28.5 31 31.3 30.9 30.6 29.6 28.3 29 1 29.1 29.7 29.6 30.5 29.4 30.5 29.4 30.5 29.4  | Mini-mum.  *C. 23.5 22.8 23.6 23.3 22.8 23.7 23.5 23.8 24.1 24 22.5 23.4 22.5 23.4 22.5 23.8 24.3 22.3 23.8 24.3   | Maximum.  *C. 32.4 32 30 32.1 32.4 33 32 32.4 32.5 30.5 32.1 31.2 32.4 31.5 32.4 31.5 32.4 31.5   | Minimum.  *C. 22.8 22.2 22.2 22.2 22.5 23.6 23.6 22.5 23.6 22.5 23.6 22.1 22 22.2 22.2 22.2 22.2 22.2 22.2   | Ce  Maximum.  °C. 31. 1 30. 1 27 30. 6 30. 3 31. 2 31. 1 29. 5 30. 4 31. 3 30. 4 31. 3 30. 4 31. 3 30. 3 31. 2 31. 4 31. 3 30. 3 31. 2 31. 4 31. 3 30. 3 31. 3 30. 3 31. 2 31. 4   | Mir mun  24 25. 24. 23. 24. 25. 24. 24. 23. 23. 24. 24. 24. 23. 23. 24. 24. 24. 24. 23. 23. 24. 24. 24. 24. 24. 24. 24. 24. 24. 24   |
|                                       | Mamimum.  *C. 29.8- 29.9- 28.4 25.5- 29.8 31 29.6 30.6 29.7 29.8  | Minimum.  *C. 24.4 23.8 23.9 23.3 24 25.5 24.6 25.3 23.4 23.5   | Maximum.  *C. 29.8 31.8 30.5 31.4 30.9 29.8 31.5 31 29.6 29.8 29.5 31.9 31.4 30.9 30.1 29.9 31.4 30.9   | Minimum.  26. 25.8 24.8 23.3 24.25.8 24.22 26.8 24.24.6 23.1 24.4 24.6 23.5 24.23.3 24.23.3  | Yap, W Carol Maximum.  *C. 33.2 32.7 33.1 32.7 32.4 32.9 31.8 33.3 31.2 32.3 31.2 32.3 32.3 32.3 32.3  | Vestern lines.  Minimum.  °C. 24.5 24.8 24.7 25 26.25 26.25 22.5 26.25 24.5 24.5 24.6 24.6 24.6 24.6 24.7   | Maximum.  *C.  32.3 31.7 25.8 31.4 32.6 31.7 33.3 31.7 31.8 31.2 29.1 30.2 29.1 30.2 31.1 31.2 30.2 31.1 31.2 30.2   | Mini-<br>mum.<br>°C.<br>22.4<br>23<br>22.5<br>22.5<br>22.5<br>22.8<br>22.8<br>22.1<br>22.5<br>22.3<br>22.5<br>22.7<br>22.5<br>22.7<br>22.5<br>22.7<br>22.7<br>22.7<br>22.7<br>22.7<br>22.8<br>22.7<br>22.7<br>22.7<br>22.8<br>22.7<br>22.8<br>22.7<br>22.8<br>22.7<br>22.7<br>22.7<br>22.8<br>22.7<br>22.8<br>22.7<br>22.8<br>22.7<br>22.8<br>22.7<br>22.8<br>22.7<br>22.8<br>22.7<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>23.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24.8<br>24. | Maximum.  *C. 30.1 31.8 31.8 31.5 32.1 32.1 32.1 32.1 32.1 32.1 32.1 32.1  | Minimum.  *C. 21.7 19.5 19.9 20.1 20.4 20.5 19.5 20.6 20.11 21.1 21.1 21.9 20.9 19.9 18.5 18.9 18.5 18.9 18.5 19.9 18.5          | Surimum.  *C. 29.2 29.8 26.3 25.6 31.3 30.9 30.6 28.6 29.6 29.6 30.7 28.3 29 30.1 29.1 29.7 29.4 30 29.4 30 29.1 28.6   | Mini-mum.  *C. 23.5 22.8 23.6 23.3 22.8 23.7 23.5 23.8 24.1 24 23.4 23.4 22.5 23.4 22.3 22.3 22.3 22.3 22.3 22.3   | Maximum.  *C. 32.4 32 30 32.1 32.4 32.3 32.4 32.5 30.9 30.5 30.5 30.9 30.5 30.1 31.2 31.4 31.5 32.3 32.4 31.5 32.3 32.4 31.5 32.3 32.4 31.6 32.1          | Minimum.  *C. 22.8 22.2 8 22.5 22.4 22.2 22.5 23.7 22.5 23.6 23 22.5 22.1 22 22.2 22.2 22.2 22.2 22.2 22.2 2   | Ce  Maximum.  *C. 31.1 30.1 27 30.6 30.3 31.2 31.1 29.5 30.4 29.4 31.3 30.4 29.8 31.4 31.3 30.3 31.2 31.4 31.3 30.3  | Mirr mun  *C 24  25. 24. 24. 25. 24. 24. 24. 23. 23. 24. 24. 23. 23. 24. 24. 24. 24. 24. 24. 24. 24. 24. 24  |
|                                       | Mami-<br>mum.<br>°C.<br>29. 8-<br>29. 9<br>28. 4<br>25. 5<br>29. 8<br>31<br>29. 6<br>30. 6<br>29. 7<br>29. 8          | Mini-<br>mum.<br>°C.<br>24.4<br>23.8<br>23.9<br>23.3<br>24.<br>25.5<br>24.6<br>25.3<br>23.4<br>23.5<br>23.9   | Duma  Maximum.  29.8 31.8 29.9 28 30.5 31.4 30.9 29.8 31.5 31 29.6 29.8 31.4 30.8 29.5 31.4 30.9 31.4 30.9 31.4 30.9 31.4 30.5 30.1                 | Minimum.  *C. 26. 8 24. 8 23. 3 24 25. 8 24. 25. 2 26. 8 23. 1 24. 4 24. 6 23. 5 24 24. 24 24. 24 24. 23. 3 24 23. 3 24 23. 3 24 23. 3 24 23. 3 24 23. 3 24 23. 3 24 23. 3 24 23. 3 24 23. 3 24 23. 3 24 23. 3 24 23. 3 24 23. 3 24 23. 3 24 23. 3 24 23. 3 24 23. 3 24 23. 3 24 24. 3 23. 3   | Yap, W Carol Maximum.  *C. 33. 2 32. 7 33. 1 32. 7 32. 9 31. 8 33. 3 31. 2 31. 2 31. 3 32. 7 32. 8 31. 3 32. 7 32. 8   | Vestern lines.  Minimum.  °C. 24.5 24.7 25 26 25.2 25.6 25 24.5 24.5 24.5 24.6 24.2 24.6 24.7 24  | Maximum.  *C.  32.3 31.7 25.8 31.4 32.6 31.7 33.3 31.7 33.8 31.3 31.2 29.1 30.2 31.7 30.9 30.2 31.1 31.8 31.2 30.8 32.4                                    | Mini-mum.  *C   | Maximum.  *C. 30.1 31.8 31.5 32.1 32.1 32.1 32.1 32.1 32.1 31.5 31.5 31.5 31.1 31.5 31.5 31.5 31   | Minimum.  *C. 21.7 19.5 19.9 20.1 20.4 20.5 20.6 20.1 21.1 20.4 20.9 20.9 19.9 20.9 18.5 18.9 18.2 19.9 19.9                     | Surimum.  *C. 29.2 29.8 26.3 25.6 28.5 31 31.3 30.9 30.6 28.3 29.1 29.7 28.3 29.1 29.7 29.6 30.5 29.6 30.5 29.6 30.5 30.1 29.7 30.3   | Mini-mum.  *C. 23.5 22.8 23.6 23.3 22.8 23.7 23.5 23.8 24.1 23.4 23.5 23.4 23.6 22.7 22.3 23.8 22.3 23.8 23.8 24.3 22.3 23.8 23.8 24.3 23.8 24.3 24.3              | Maximum.  *C. 32.4 32 30 32.1 32.4 33 32.4 33.5 32.4 31.5 32.3 32.4 31.6 32.1 32.3 32.4 31.5  | Mini-mum.  *C. 22.8 22.2 22.2 22.5 22.2 22.5 23.7 22.5 23.6 23.5 22.1 22 22.2 22.2 22.2 22.2 22.2 22.2   | Ce  Maximum.  °C. 31 31.1 30.1 27 30.6 30.3 31.2 31.1 29.5 30.4 31.3 30.4 31.3 30.4 31.3 30.3 31.3 30.3 31.3 30.3 31.3 30.3 31.3 30.3 30   | Mir mun 24 25. 24. 24. 25. 24. 24. 24. 24. 24. 24. 23. 23. 23. 24. 24. 24. 24. 24. 24. 24. 24. 24. 24  |
|                                       | Mamimum.  *C. 29.8- 29.9 28.4 25.5 29.8 31 29.6 30.6 29.7 29.8  | Minimum.  *C. 24.4 23.8 23.9 23.3 24 25.5 24.6 25.3 23.5 23   | Maximum.  *C. 29,8 31.88 29,9 28 30.5 31.4 30.9 29,8 31.5 31.9 31.4 30.9 29,8 31.5 31.0 30.4 30.9 30.1 29,9 30.1 29,9 30.1 30.8 31.4 30.9 30.1 30.8 | Minimum.  26. 25.8 24.8 23.3 24 25.8 24.6 24.6 24.6 24.4 24.6 23.5 24 23.3 24 24.3 23.3 24 23.3 24 23.3 24 23.3 24 23.3  | Yap, W Carol Maximum.  *C. 33. 2 32. 7 33. 1 32. 7 32. 4 32. 9 31. 8 33. 3 31. 2 31. 2 31. 2 31. 2 32. 3 32. 3 32. 3 32. 7 32. 8 31. 3 32. 7 32. 8 31. 3 32. 7 32. 8   | Vestern lines.  Minimum.  °C. 24.5 24.5 24.7 25 26.25 26.25 26.25 24.5 24.2 24.2 24.2 24.2 24.2 24.2 2  | Maximum.  *C.  32.3 31.7 25.8 31.4 32.6 31.7 31.8 31.3 31.7 31.8 31.1 31.2 30.2 31.1 31.2 30.2 31.1 31.2 30.2 31.1 31.2 30.2 31.1 31.2 30.2 31.1 31.2 30.2 | Mini-mum.  *C.  22.4 23 22.5 22.7 22.5 23 22.8 22.8 22.8 22.8 22.1 22.5 22.3 21.6 22.5 22.4 20.7 21.1 21 20.7 20.7 21.2 21.2 22.8 22.8 22.8 22.9 21.9   | Maximum.  *C. 30.1 31.8 31.8 31.8 32.1 32.1 32.1 32.1 32.1 32.1 32.1 32.1  | Minimum.  *C. 21.7 19.5 19.9 20.1 20.4 20.5 19.5 20.6 20.11 21.1 20.4 20.9 20.9 18.5 18.9 18.5 18.9 18.2 19.9 18.5 19.95         | Surimum.  *C. 29, 2 29, 8 26, 3 25, 6 31, 3 30, 9 30, 6 29, 6 29, 6 29, 7 28, 3 29 30, 1 29, 7 29, 6 30, 5 29, 4 30 29, 1 28, 6 29, 3 30, 1 29, 1 29, 1 28, 6 29, 3 30, 1 29, 1         | Minimum.  *C. 23.5 22.8 23.6 23.7 23.5 23.8 24.1 24.1 23.4 23.4 23.4 22.5 23.4 22.7 22.3 23.8 24.3 24.3 23.7 24.3 23.8   | Maximum.  *C. 32.4 32 32 32 32 32 32 32 32 31 32.4 32.5 30 9 30.5 32.1 31.5 32 31.4 31.5 32 31.4 31.5 32 31.4 31.5 32 31.4 31.5 32 31.4 31.5 32 31.4 31.5 | Minimum.  *C. 22.8 22.2 22.8 22.5 22.4 22.2 23.7 22.5 23.6 23 22.1 22 22.2 22.2 22.1 22 22.2 22.6 20.8 21 22 22.2 22.6 20.8 21 22 22.2 22.6 20.8 21 22 22.6 20.8 21 22 22.6 20.8 21 22 22.6 20.8 21 22 22.6 20.8 21 22 22.6 20.8 21 22 22.6 20.8 21 22 22.6 20.8 21 22 22.6 20.8 21 22 22.6 20.8 21 22 22.6  | Ce  Maximum.  *C. 31. 30.1 27. 30.6 30.3 31.2 31.1 29.5 30.4 29.8 31.3 30.3 31.3 30.3 31.3 30.3 31.3 30.3 31.2 31.4 30.3 30.3 31.2 31.4 31.3 30.3 31.3 30.3 31.2 31.4 31.3 30.3 31.2 31.4 31.3 30.3 31.3 30.3 31.2 31.4 31.3 30.3 31.2 31.4 31.3 30.3 31.2 31.4 31.3 30.3 31.2 31.3 30.3 31.2 31.3 30.3 31.2 31.3 30.3 31.2 31.3 30.3 31.2 31.3 30.3 31.2 31.3 30.3 31.2 31.3 30.3 31.2 31.3 30.3 31.2 31.3 30.3 31.2 31.3 30.3 31.2 31.3 30.3 31.2 31.3 30.3 31.2 31.3 30.3 31.2 31.3 30.3 31.2 31.3 30.3 | Min mun  - C 24 - 25.6 - 24.1 - 24.2 - 25.6 - 24.1 - 25.6 - 24.1 - 25.6 - 24.1 - 24.1 - 25.6 - 24.1  |
|                                       | Mami-<br>mum.<br>°C.<br>29. 8-<br>29. 9<br>28. 4<br>25. 5<br>29. 8<br>31.<br>29. 6<br>30. 6<br>29. 7<br>29. 8         | Minimum.  *C. 24.4 23.8 23.9 23.3 24 25.5 24.6 25.3 23.4 23.5 23  | Maxi- mum.  *C. 29.8 31.8 29.9 28 30.5 31.4 30.9 29.8 29.5 31.4 30.9 31.4 30.9 31.4 30.9 31.4 30.9 30.1 29.9 30.1 29.9                              | Minimum.  26. 25. 8 24. 8 23. 3 24 25. 8 24. 6 2 | Yap, W Carol Maximum.  *C. 33. 2 32. 7 33. 1 32. 7 32. 4 32. 7 32. 3 31. 2 31. 2 31. 3 32. 7 32. 8 31. 3 32. 7 32. 8 31. 3 32. 7 32. 8 31. 3 32. 7 32. 8   | Vestern lines.  Minimum.  °C. 24.5 24.5 24.7 25 26 25.2 25.6 25 24.5 24.5 24.5 24.6 24.6 24.6 24.7 24.5 24.5 24.6 24.6 24.7 24.5 24.5 24.6 24.7 24.6 24.7 24.5 24.8                             | Maximum.  *C.  32.3 31.7 25.8 31.4 32.5 31.1 33.2 531.4 31.7 30.9 30.2 31.1 31.2 30.8 32.4 31.4 31.3 32.3  | Mini-mum.  *C.  22.4 23 22.5 22.5 22.3 22.5 22.3 22.8 22.8 22.1 22.5 22.3 21.6 22.7 21.1 20.7 22.8 22.8 22.8 22.8 23.11.1 21.20.7 22.8 22.8 22.8 22.9 21.9 21.9   | Maximum.  *C. 30.1 31.8 31.5 32.1 32.1 32.1 32.1 32.1 32.1 32.1 32.1   | Minimum.  *C. 21.7 19.9 20.1 20.4 20.5 19.9 20.4 20.9 19.9 20.3 19.9 20.4 20.9 19.9 18.5 18.9 18.5 19.9 18.5                     | Surimum.  *C. 29.2 29.8 26.3 25.6 28.5 31.3 30.9 30.6 29.6 28.3 29.1 29.1 29.7 29.6 30.5 29.6 30.5 30.1 29.7 30.7   | Mini-mum.  *C. 23.5 22.8 23.6 23.8 23.7 23.5 23.8 24.1 24 23.4 23.4 22.5 23.4 23.6 22.7 22.3 23.8 24.1 24.3 23.6 22.7 22.3 23.8 24.3 23.5 22.3 23.8 24.3 23.5 23.8 | Maximum.  *C. 32. 4 32 30 32. 1 32. 4 33. 32. 4 31. 32. 4 31. 5 32. 1 31. 2 31. 4 31. 5 32. 1 32. 2 32. 8 32. 9 33. 9                                     | Mini-mum.  *C. 22. 8 22. 2 22. 8 22. 2 22. 2 22. 2 22. 2 22. 2 22. 2 23. 7 22. 5 23. 6 23. 6 24. 22. 2 | Ce  Maximum.  *C. 31.1 30.1 27.30.6 30.3 31.2 31.2 31.4 29.8 31.4 31.3 30.3 31.3 30.3 31.3 30.3 31.3 30.3 31.2 31.4 30.9 30.8 31.2 31.3 30.8 31.2 31.3 30.8  | Min mun  * C 24  25. (24. (25. (24. (24. (25. (24. (25. (24. (25. (25. (25. (25. (25. (25. (25. (25  |
|                                       | Mami-<br>mum.<br>°C.<br>29.8-<br>29.9<br>28.4<br>25.5<br>29.8<br>31<br>29.6<br>30.6<br>29.7<br>29.8                   | Mini-<br>mum.<br>°C.<br>24. 4<br>23. 8<br>23. 9<br>23. 3<br>24. 25. 5<br>24. 6<br>25. 3<br>23. 4<br>25. 5<br>24. 6<br>25. 3<br>23. 4<br>25. 5<br>24. 6<br>25. 3 | Maximum.  *C. 29.8 31.8 29.8 30.5 31.4 30.9 29.8 31.5 31.4 30.9 29.8 31.4 30.9 30.1 30.9 30.9   | Mini-mum.  *C. 26, 8 24, 8 23, 3 24 25, 8 26, 8 26, 8 27, 26 28 28, 8 26, 2 28, 8 26, 2 28, 8 26, 2 28, 8 26, 2 28, 8 28, 1 24, 4 24, 4 24, 4 24, 4 24, 4 24, 4 24, 4 24, 4 24, 4 24, 3 24, 3 24, 3 24, 3 24, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3  | Yap, W Carol Maximum.  *C. 33. 2 32. 7 33. 1 32. 7 32. 9 31. 8 33. 3 31. 2 31. 2 31. 2 31. 2 31. 3 32. 7 32. 8 33. 3 32. 7 32. 8 32. 8 32. 8 32. 8   | Vestern lines.  Minimum.  °C. 24.5 24.8 24.7 25 26 25 26 25 24.5 24.5 24.5 24.6 24.6 24.7 24 24.6 24.7 24 24.5 24.3 24.6  | Maximum.  *C.  32.3 31.7 25.8 31.4 32.6 31.7 33.3 31.7 31.8 31.3 31.2 29.1 30.2 31.7 30.9 30.2 31.1 31.2 30.8 32.4 31.4 31.3 32.3                          | Mini-mum.  22. 4 23 22. 5 22. 7 22. 5 22. 3 22. 8 23. 1 22. 8 23. 1 22. 5 22. 3 21. 6 22. 7 21. 1 20. 7 22. 8 22. 4 20. 7 21. 1 21 20. 7 22. 8 22. 4 22. 9 21. 9 22. 8  | Maximum. 30. 1 31. 8 31. 8 31. 5 32. 1 32. 1 32. 2 32. 1 32. 3 32. 1 31. 6 31. 5 31. 5 31. 5 31. 5 31. 5 31. 5 31. 5 31. 5 31. 5 31. 5 31. 5 32. 5 32. 3 33. 1 32. 5 32. 5 32. 3 | Minimum.  *C. 21.7 19.5 19.9 20.1 20.4 20.5 19.9 19.9 20.1 21.1 21.1 21.4 20.9 20.9 19.9 18.5 18.9 18.9 19.9 19.9 19.9 19.9 18.5 | Maximum.  *C. 29. 2 29. 8 26. 3 25. 6 28. 5 31 31. 3 30. 9 30. 6 29. 6 30. 5 29. 1 29. 7 30. 5 30. 7 30. 7 30. 7 30. 8  | Mini-mum.  *C. 23.5 22.8 23.6 23.6 23.7 23.5 23.8 24.1 24 22.5 23.4 22.5 23.4 22.5 23.8 24.3 23.7 24.3 23.8 24.3 23.7 24.3 25.5 23.8 24.3 25.5 25.5                | Maximum.  *C. 32.4 32 30 32.1 32.4 33 32.4 31.32.4 32.5 30.5 32.1 31.2 32.4 31.6 32.1 32.8 32.8 32.9 33.8 32.5 32.3                                       | Minimum.  *C. 22.8 22.2 22.2 22.2 22.2 22.5 23.6 23.6 22.5 23.6 22.5 23.6 22.1 22 22.2 22.2 22.2 22.2 22.2 22.2  | Cee  Maximum.  °C. 31, 1, 30, 1, 1, 27, 30, 6, 6, 30, 3, 31, 2, 29, 5, 30, 4, 4, 31, 3, 30, 3, 31, 2, 31, 4, 31, 3, 30, 3, 31, 2, 31, 3, 30, 9, 30, 8, 31, 2, 31, 3, 31, 2, 31, 3, 31, 31, 31, 31, 31, 31, 31, 31,   | Minn mur 24 25. 6. 24. 7. 25. 8. 24. 7. 25. 8. 24. 7. 25. 8. 24. 7. 25. 8. 24. 7. 23. 8. 24. 8. 24. 4. 8. 24. 4. 8. 24. 4. 8. 24. 4. 8. 25. 24. 8. 24 |
|                                       | Mamimum.  *C. 29.8- 29.9 28.4 25.5 29.8 31 29.6 30.6 29.7 29.8  | Minimum.  *C. 24.4 23.8 23.9 23.3 24 25.5 24.6 25.3 23.4 23.5 23  | Maximum.  *C. 29.8 31.8 30.5 31.4 30.9 29.8 31.5 31.9 31.4 30.9 29.8 31.5 31.4 30.9 30.1 29.9 31.4 30.9 30.1 29.9 31.4 30.9 30.1                    | Minimum.  26. 25.8 24.8 23.3 24.25.8 24.22.66.8 24.24.6 24.6 24.4 24.6 23.5 24.23.3 24.3 24.3 23.3 24.3 23.3 24.3 23.3 24.3 23.3 24.3 25.7 25.7  | Yap, W Carol Maximum.  *C. 33.2 32.7 32.7 32.4 32.7 32.3 31.2 32.3 32.3 32.7 32.8 31.3 32.7 32.8 32.7 32.8 32.7 32.8 32.7 32.8 32.7 32.8 32.7 32.8 32.7 32.8 32.7 32.8 32.7 32.8 32.8 32.7 32.7 32.8 32.8 32.7 32.8 32.8 32.8 32.8 32.8 32.8 32.8 32.8 | Vestern lines.  Minimum.  °C. 24.5 24.8 24.7 25 26 25.2 25.6 25 24.5 24.5 24.5 24.6 24.6 24.7 24 24.5 24.8 24.6 24.7 24.8 24.5 24.8 24.6 24.7 24.8 24.5 24.8 24.8 24.8 24.8 24.8 24.8 24.8 24.8 | Maximum.  *C.  32.3 31.7 25.8 31.4 32.6 31.7 31.8 31.2 29.1 30.2 29.1 30.2 31.7 32.5 31.4 31.7 32.3 31.7 32.5 31.4 31.7 32.3 31.7 32.5 31.7 31.8           | Mini-<br>mum.<br>°C.<br>22.4<br>23<br>22.5<br>22.5<br>22.5<br>22.5<br>22.3<br>22.8<br>22.8<br>22.8<br>22.1<br>22.5<br>22.3<br>22.8<br>22.1<br>22.5<br>22.3<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.1<br>22.5<br>22.5<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.8<br>22.9<br>22.9<br>22.9<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23.1<br>23. | Maximum.  *C. 30.1 31.8 31.8 31.5 32.1 32.1 32.1 32.1 32.1 32.1 32.1 32.1  | Minimum.  *C. 21.7 19.5 19.9 20.1 20.4 20.5 19.5 20.6 20.1 21.1 21.1 21.1 21.9 20.9 18.5 18.9 18.9 18.9 18.9 18.9                | Surimum.  *C. 29.2 29.2 29.8 26.3 25.6 31.3 31.3 30.9 30.6 28.6 29.6 28.7 28.3 29.1 29.1 29.1 29.4 30.1 29.4 30.1 29.7 29.6 30.5 30.1 29.7 30.7 30.8 29.2                               | Mini-mum.  *C. 23.5 22.8 23.6 23.3 22.8 23.7 23.5 23.8 24.1 24 23.4 23.4 22.5 23.4 22.3 22.3 22.3 22.3 22.3 22.3 22.3  | Maximum.  *C. 32.4 32.33 32.1 32.4 33.32 32.4 31.5 32.4 31.5 32.33 32.4 31.5 32.9 33.33 32.33 32.4 31.5 32.33 32.33 32.33 32.33 32.33 32.33 32.33 32.33   | Minimum.  *C. 22.8 22.28 22.5 22.4 22.2 23.7 22.5 23.6 23.2 22.1 22 22.2 22.2 22.2 22.2 22.2 2   | Ce  Maximum.  °C. 31. 1 30. 1 27 30. 6 30. 3 31. 2 31. 1 29. 4 31. 3 30. 4 31. 3 30. 3 30. 3 30. 3 31. 2 31. 4 30. 9 30. 8 31. 2 31. 4 31. 3 30. 8 31. 2 31. 4 31. 3 31. 8   | Min mur  • C 24 24.6 24.6 25.6 24.6 24.6 24.6 24.6 24.6 24.6 24.6 24   |
| 5                                     | Mamimum.  *C. 29.8- 29.9 28.4 25.5 29.8 31 29.6 30.6 29.7 29.8  | Minimum.  *C. 24.4 23.8 23.9 23.3 24 25.5 24.6 25.3 23.4 23.5   | Maximum.  *C. 29.8 31.8 29.8 30.5 31.4 30.9 29.8 31.5 31.4 30.9 29.8 31.4 30.9 30.1 30.9 30.9   | Mini-mum.  *C. 26, 8 24, 8 23, 3 24 25, 8 26, 8 26, 8 27, 26 28 28, 8 26, 2 28, 8 26, 2 28, 8 26, 2 28, 8 26, 2 28, 8 28, 1 24, 4 24, 4 24, 4 24, 4 24, 4 24, 4 24, 4 24, 4 24, 4 24, 3 24, 3 24, 3 24, 3 24, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3 28, 3  | Yap, W Carol Maximum.  *C. 33. 2 32. 7 33. 1 32. 7 32. 9 31. 8 33. 3 31. 2 31. 2 31. 2 31. 2 31. 3 32. 7 32. 8 33. 3 32. 7 32. 8 32. 8 32. 8 32. 8   | Vestern lines.  Minimum.  °C. 24.5 24.8 24.7 25 26 25 26 25 24.5 24.5 24.5 24.6 24.6 24.7 24 24.6 24.7 24 24.5 24.3 24.6  | Maximum.  *C.  32.3 31.7 25.8 31.4 32.6 31.7 33.3 31.7 31.8 31.3 31.2 29.1 30.2 31.7 30.9 30.2 31.1 31.2 30.8 32.4 31.4 31.3 32.3                          | Mini-mum.  22. 4 23 22. 5 22. 7 22. 5 22. 3 22. 8 23. 1 22. 8 23. 1 22. 5 22. 3 21. 6 22. 7 21. 1 20. 7 22. 8 22. 4 20. 7 21. 1 21 20. 7 22. 8 22. 4 22. 9 21. 9 22. 8  | Maximum. 30. 1 31. 8 31. 8 31. 5 32. 1 32. 1 32. 2 32. 1 32. 3 32. 1 31. 6 31. 5 31. 5 31. 5 31. 5 31. 5 31. 5 31. 5 31. 5 31. 5 31. 5 31. 5 32. 5 32. 3 33. 1 32. 5 32. 5 32. 3 | Minimum.  *C. 21.7 19.5 19.9 20.1 20.4 20.5 19.9 19.9 20.1 21.1 21.1 21.4 20.9 20.9 19.9 18.5 18.9 18.9 19.9 19.9 19.9 19.9 18.5 | Maximum.  *C. 29. 2 29. 8 26. 3 25. 6 28. 5 31 31. 3 30. 9 30. 6 29. 6 30. 5 29. 1 29. 7 30. 5 30. 7 30. 7 30. 7 30. 8  | Mini-mum.  *C. 23.5 22.8 23.6 23.6 23.7 23.5 23.8 24.1 24 22.5 23.4 22.5 23.4 22.5 23.8 24.3 23.7 24.3 23.8 24.3 23.7 24.3 25.5 23.8 24.3 25.5 25.5                | Maximum.  *C. 32.4 32 30 32.1 32.4 33 32.4 31.32.4 32.5 30.5 32.1 31.2 32.4 31.6 32.1 32.8 32.8 32.9 33.8 32.5 32.3                                       | Minimum.  *C. 22.8 22.2 22.2 22.2 22.2 22.5 23.6 23.6 22.5 23.6 22.5 23.6 22.1 22 22.2 22.2 22.2 22.2 22.2 22.2  | Cee  Maximum.  °C. 31, 1, 30, 1, 1, 27, 30, 6, 6, 30, 3, 31, 2, 29, 5, 30, 4, 4, 31, 3, 30, 3, 31, 2, 31, 4, 31, 3, 30, 3, 31, 2, 31, 3, 30, 9, 30, 8, 31, 2, 31, 3, 31, 2, 31, 3, 31, 31, 31, 31, 31, 31, 31, 31,   | Min mur  • C 24 23.6 24.3 25.6 24.3 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5  |

Maximum and minimum temperatures of the stations of the Weather Bureau, November, 1918.—Cont.

| _   | Ilo   | ilo.  | San<br>Buena   |   | Cu  | yo.   | Orı   | moc.   | Gui   | uan.  | Tacl  | oban.   | Ca   | piz.  | Boro   | ngan.   |
|---|---|---|--|---|---|---|---|--|---|---|---|---|--|---|--|---|
| Day.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.  |   |
| 1   | *C. 30. 7 30. 8 30. 2 29. 2 31. 6 31 31. 5 31. 5 30. 2 30. 9 27. 2 29. 5 30. 4 30. 6  | °C. 24. 7 23. 6 24. 2 24. 2 24. 2 24. 9 24. 6 23. 9 23 23. 8 24. 2 25. 8 26. 7 27 28. 4 24. 2 24. 9 28. 7 28  | *C. 33.3 32.7 32.8 32.6 32.6 32.8 32.7 34.2 32.7 34.3 33.2 31.8 33.2 32.2 31.8 32.6 32.3 33.2 32.6 32.7 32.7 32.7 32.7 32.8 33.2 33.2 33.2 33.2 33.2 33.3 33.3   | °C. 21. 7 21. 6 22. 4 21. 5 22. 6 22. 4 22. 5 21. 6 22. 1 21. 1 21. 1 22. 8 21. 6 21. 1 21. 1 22. 8 21. 6 21. 1 21. 1 22. 8 21. 6 21. 1 21. 1 22. 8 21. 9 21. 9 21. 9 21. 9 21. 1 21. 1 | °C. 30. 5 30. 4 31. 2 30. 1 30. 8 30. 7 30. 2 30. 2 30. 2 30. 2 30. 9 29. 9 30. 2 30. 2 30. 9 29. 8 30. 1 30. 2 30. 4 30. 5 30. 4 30. 5 30. 4 30. 9 30. 2 30. 8 30. 8 | °C. 26. 2 26. 3 26. 3 26. 3 26. 6 26. 9 26. 6 26. 6 26. 6 26. 7 26. 7 26. 7 26. 7 26. 7 26. 7 26. 6   | °C. 33 33.2 32.6 32 32.3 32.6 31.7 32.6 31.6 32.6 32.6 32.7 32.8 33.1.8 31.8 31.8 31.8 31.8 31.8 31.8   | °C. 22. 6 22. 3 22. 9 22. 9 22. 2 22. 9 23. 3 22. 9 23. 3 22. 7 22. 9 24. 23. 1 20. 9 19. 1 19. 6 20. 4 22. 1 21. 8 21. 5 22 21. 7 21. 9 21. 2 22. 2 22. 2 23. 3   | °C. 31.5 32 32, 1 32.2 31.7 32.2 31.7   | °C. 23.6 25.5 24.2 24.8 23.9 25.2 23.2 24.7 23.9 25.2 23.6 22.5 24.7 23.9 25.2 22.8 23.6 22.5 23.6 22.6 22.8 23.6 22.8 23.6 22.8 23.6 22.8 23.6 23.6  | °C. 34 30. 4 32. 8 32. 8 32. 8 32. 5 33. 3 32. 4 32. 5 33. 3 32. 5 30. 1  | °C. 23.5 22.8 23.1 24.1 24.4 22.4 23.5 24 24.1 21.7 22.2 9 22.9 23.4 23.1   | *C. 31.9   | 24. 1<br>25. 4<br>25. 5<br>25. 5<br>25. 5<br>25. 5<br>24. 7<br>25. 5<br>24. 9<br>24. 9<br>24. 9<br>22. 9<br>22. 1<br>23. 8<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 5<br>24. 7<br>25. 4<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6<br>26. 6 | *C. 31.5 30.7 31.3 31.6 31.8 31.6 31.8 31.2 31.7 30.4 30 30.9 30.9 30.9 30.9 30.9 30.9 30.1 30.3 30.8 30.4 31.1 31.3 30.6 31.1 31.3 30.6                       | *C. 23.6 6 23.3 3 22.6 6 24.3 23.7 23 23.5 26.5 24.9 24.9 24.9 22.5 22.7 23 23.5 22.7 23 23.5 22.7 23.2 23.6 23.5 23.2 23.6 23.5 23.2 23.6 23.5 23.2  |
| Mean  | 30.5  | 23.8  | 32.7   | 21.5  | 30.3  | 26  | 32.4  | 22.2   | 31.4  | 23.7  |   |   | 31.2   | 24.4  | 30.8   | 23. 4   |
| Day.  | Catba<br>Maxi-  | Mini-   | Calb   | ayog.   | Mas<br>Maxi-  | bate.<br>Mini-  | Rom<br>Maxi-  | Mini-  | Ba<br>Maxi-   | Mini-   | Sorse<br>Maxi-  | Mini-   | Leg<br>Maxi-   | aspi.<br>Mini-  |  | nay,<br>am.<br>Mini   |
|   | °C.   | mum.  | mum.   | mum.  | mum.  | *C.   | mum.  | mum.   | °C.   | mum.  | mum.  | °C.   | mum.   | mum.  | mum.   | mum<br>°C.  |
| 1 2 2 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 32. 5<br>30. 5<br>32. 5<br>30. 2<br>31. 3<br>32. 4<br>31. 6<br>31. 8<br>32. 9<br>30. 8<br>32. 3<br>30. 6<br>30. 6<br>30. 2<br>30. 4<br>30. 5<br>30. 5<br>31. 8<br>30. 3 | 21. 6<br>22. 5<br>22. 9<br>20. 8<br>22. 8<br>22. 5<br>23. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>21. 8<br>21. 8<br>21. 8<br>21. 8<br>21. 8<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5 | 32. 2<br>31. 11<br>32. 3<br>32. 3<br>32. 1<br>33. 1<br>32. 1<br>32. 3<br>32. 1<br>32. 1<br>31. 7<br>30. 1<br>30. 2<br>30. 1<br>31. 2<br>30. 1<br>31. 2<br>30. 2<br>30. 2<br>30. 2<br>30. 2<br>30. 2<br>30. 2<br>30. 2<br>30. 2<br>30. 2<br>30. 2<br>30. 3<br>30. 2<br>30. 3<br>30. 2<br>30. 3<br>30. 2<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3<br>30. 3 | 22. 2<br>22. 8<br>22. 1<br>22. 6<br>22. 6<br>22. 6<br>23. 9<br>23. 5<br>22. 9<br>23. 4<br>22. 9<br>22. 1<br>20. 6<br>21. 7<br>22. 4<br>22. 1<br>20. 6                                   | 31. 4<br>31. 6<br>30. 8<br>31. 8<br>31. 8<br>31. 8<br>30. 6<br>30. 6<br>30. 6<br>28. 8<br>30. 6<br>28. 6<br>30. 4<br>30. 4<br>30. 4<br>30. 4<br>30. 2                 | 24. 8<br>24. 6<br>24. 8<br>24. 6<br>25. 2<br>25. 2<br>24. 5<br>25. 8<br>24<br>23. 2<br>23. 2<br>22. 4<br>23. 6<br>23. 6<br>24. 2<br>23. 6<br>24. 2<br>24. 4<br>25. 5<br>22. 4<br>24. 6<br>25. 2<br>24. 6<br>25. 2<br>24. 6<br>25. 2<br>25. 8<br>24. 6<br>25. 8<br>24. 6<br>25. 8<br>24. 6<br>25. 8<br>26. 8<br>27. 8<br>28. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>29. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. 8<br>20. | 31. 9<br>31. 9<br>31. 9<br>32. 1<br>32. 4<br>31. 9<br>32. 4<br>31. 4<br>31. 6<br>31. 4<br>31. 5<br>28. 4<br>31. 5<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 5<br>31. 4<br>31. 4<br>31. 5<br>31. 6<br>31. 4<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6 | 25. 7<br>25. 2<br>24. 7<br>25. 25<br>25. 4<br>25. 3<br>24. 3<br>24. 1<br>24. 7<br>23. 2<br>24. 2<br>23. 2<br>24. 2<br>24. 2<br>23. 2<br>24. 2<br>24. 2<br>23. 2<br>24. 2<br>24. 2<br>25. 3<br>24. 1<br>21. 5<br>23. 9<br>23. 6<br>23. 6<br>24. 6<br>25. 6<br>26. 6<br>27. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6 | 29, 8<br>29, 4<br>29, 6<br>30, 6<br>30, 6<br>30, 6<br>29, 6<br>29, 4<br>29, 8<br>29, 5<br>29, 5<br>29, 6<br>29, 4<br>29, 8<br>30, 3<br>29, 6<br>29, 5<br>29, 5<br>29, 6<br>29, 4<br>29, 8 | 24. 4<br>23. 8<br>24. 4<br>24. 4<br>24. 7<br>23. 8<br>24. 3<br>23. 4<br>23. 4<br>22. 4<br>24. 2<br>22. 6<br>22. 9<br>23. 2<br>23. 2<br>23. 3<br>24. 3<br>25. 4<br>26. 2<br>27. 2<br>28. 2<br>28. 2<br>28. 3<br>28. 3<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 4<br>28. 5<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6<br>28. 6 | 30. 5<br>30. 5<br>30. 5<br>31. 6<br>31. 3<br>30. 5<br>29. 4<br>30. 5<br>30. 5<br>30. 5<br>30. 5<br>30. 5<br>30. 5<br>30. 5<br>30. 5<br>30. 5<br>30. 5 | 23, 4<br>23, 4<br>23, 5<br>24, 1<br>23, 4<br>23, 8<br>23, 2<br>22, 8<br>22, 2<br>21, 3<br>22, 8<br>22, 2<br>22, 8<br>22, 2<br>21, 3<br>22, 8<br>22, 2<br>21, 3<br>22, 8<br>22, 2<br>21, 3<br>22, 8<br>22, 2<br>21, 3<br>22, 8<br>22, 2<br>21, 8<br>22, 2<br>21, 8<br>22, 2<br>21, 8<br>22, 2<br>21, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8<br>22, 8 | 31. 1<br>30. 8<br>30. 9<br>30. 7<br>31. 1<br>32. 3<br>29. 4<br>30. 8<br>30<br>30<br>30. 4<br>29. 8<br>30. 9<br>28. 6<br>29. 2<br>28. 6<br>29. 2<br>30. 1<br>29. 8<br>30. 9<br>30. 1<br>29. 8<br>30. 9<br>30. 1<br>29. 8<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9<br>30. 9 | 25. 5<br>26. 26. 26. 26. 26. 26. 26. 26. 26. 26.  | 29. 4<br>30. 4<br>30. 4<br>30. 2<br>30. 2<br>30. 4<br>29. 6<br>30. 2<br>29. 4<br>29. 2<br>29. 6<br>30. 4<br>30. 2<br>30. 4<br>30. 6<br>30. 6<br>30. 6<br>30. 6 | 25. 2<br>25. 2<br>24. 6<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>26. 6<br>24. 6<br>23. 4<br>24. 6<br>23. 6<br>23. 6<br>23. 6<br>24. 6<br>23. 6<br>24. 6<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>25. 2<br>2<br>25. 2<br>25. 2<br>25. 2<br>25. 2 |

Maximum and minimum temperatures at the stations of the Weather Bureau, November, 1918—Cont.

|      | Cala  | pan.   | Vii   | rac.   | Na   | ıga.  | Tig   | aon.  | Bata  | ngas.  | Luc   | ena.   | Atim   | onan.  |   | ulong,<br>auan.                                      |
|------|---|--|---|--|--|---|---|---|---|--|---|--|--|--|---|--|
| Day. |   |  | Maxi-<br>mum.   |  |  | Mini-<br>mum.   | Maxi-<br>mum.   |   | Maxi-<br>mum.   |  |   |  |  |  | Maxi-<br>mum.   |  |
| 1    | 32<br>32<br>31. 7<br>32. 4<br>31. 5<br>32<br>31. 5<br>32<br>31. 5<br>32. 4<br>31. 8<br>30. 5<br>30<br>31. 31. 1<br>31. 1<br>31. 5<br>31. 4?<br>29. 8?<br>30 | 22. 5<br>21. 4<br>19. 6<br>24. 9<br>22. 9<br>23<br>23. 5<br>23. 6<br>22. 5                             |   | °C. 22. 1 22. 4 21. 6 21. 5 21. 3 23. 1 23. 2 22. 7 22. 5 22. 3 23. 2 22. 9 23. 1 23. 3 23. 1 20. 8 21 20. 5   | 31. 9<br>33. 6<br>33. 5<br>33. 2                                   | °C. 19.5 19 17.5 19.7 19.7 19.7 19.7 20.8 20.8 20.8 21.1 20.6 19.2 20.2 21.2 20.4 19.5 16.5 17.6 17.1 19.7 19.1 18.7 18.5 19.2  | *C. 31. 6? 31. 9? 31. 9 31. 3 31. 9 32. 3 30. 4 31. 9 31. 3 30. 4 31. 3 31. 3 31. 3 31. 3 31. 3 31. 1 30. 5 31. 3 31. 3 31. 1 31. 4 30. 3 31. 3 31. 5 31. 3 31. 3 31. 3 31. 3 31. 3 31. 3 31. 3 31. 3 31. 3 31. 3 31. 3 31. 3 |   | *C. 33.19 32.7 31.6 33.6 33.5 32.8 31.4   | °C. 24 23. 2 23. 1 20. 8 22. 6 23. 3 23. 5 24. 2 22. 2 22 22 22 23 22. 6 22. 6 22. 6 22. 1. 8 22. 6 22. 1. 3 20. 7 21. 5 23. 4 21. 21 21. 21 20. 8 21. 9 | °C. 30.5 30 30.5 29.3 30.3 30.7 30.4 30.9 30.5 27.5 29.2 28 28.1 29.4 27.6 29.5 29.5 29.5 30.5 30.5 30.5 30.5 30.5 30.5 30.5 30 | °C. 23.6 23 22.7 22.7 23.5 23.9 23.5 20.5 21 23.1 23.1 22.6 24.1 22.5 22.9 22.6 23.3 22.7 20.9 20.6 22.6 23.3 21.3 22.1 22.1 23.1            | *C. 30.2 31 30.4 29.9 30 29.7 29.9 28.7 29.4 29.3 27.9 28.7 28.1 28.8 28.9 28.7 29.1 29.2 30.1 29.2 30.1 | °C. 26. 2 26. 2 26. 2 26. 6 2 25. 7 24. 9 28. 8 24. 6 25. 9 24. 2 24. 2 24. 7 23. 5 2 25. 2 24. 7 222. 4 2 22. 7 222. 4 7 222. 7 25. 8 | *C. 30.3 30.9 29.8 30.7 31.2 30.4 31.8 30.7 29.9 28.4 32 31 30.2 30.1 30.2 31.4 32 31.4 32 31.4 32 32.7 | eC. 23, 7 23, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, |
| Mean | 31.5  | 24.5<br>23.8<br>23.7   | 31.8  | 22. 1  | 30. 8<br>28. 9<br>32   | 20.3<br>21.6<br>19.3  | 31.1<br>30.2<br>31.2  | $ \begin{array}{r} 21.4 \\ 22.1 \\ \hline 20.7 \end{array} $  | 31<br>32.2<br>32.3  | 23<br>22.3<br>22.2   | 29.3<br>30<br>29.8  | $ \begin{array}{r} 22.2 \\ 23.1 \\ \hline 22.5 \end{array} $   | 28. 4<br>28. 4<br>29. 3  | 23. 4<br>23. 4<br>24. 5  | 30. 5<br>30. 9  | 23. 8<br>23. 7<br>23. 1                              |
|      |   | ıbang,<br>mba.   | Para  | cale.  | Santa<br>Lag   | Cruz,<br>una.   | Mar   | nila.   | Anti  | polo.  | It  | a.   | San I  | sidro.   | Tar   | ·lac.  |
| Day. | Maxi-<br>mum.   | Mini-<br>mum.  |   | Mini-<br>mum.  | Maxi-<br>mum.  |   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   |  | Maxi-<br>mum.   |  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   |  |
| 1    | 31. 4<br>31. 6<br>31. 8<br>32<br>31. 8<br>30. 2<br>31. 6<br>30. 2<br>31. 5<br>31. 7<br>31. 6<br>31. 4<br>29. 1<br>31. 30<br>30. 2                           | °C. 23 22 22.1 21.4 21.5 23.2 23 22.2 21.2 21.2 22.3 22.2 21.2 22.1 6 22.1 6 22.1 6 22.1 7 6 20.6 20.7 | *C. 30. 6 30. 8 30. 4 30. 7 30. 5 30. 4 30. 7 30. 6 28. 9 29. 2 29. 8 30. 2 29. 8 29. 6 27. 8 29. 2 29. 6 29. 8 29. 6 29. 8 30. 6 30. 6 | °C. 25.5 24 25.5 25.2 25.2 25.1 24.9 26 24.3 24.3 24.2 23.7 24 23.7 24 24.2 25.5 21.3 23.5 22.5 22.5 23.9 23.8 | *C. 30.3 30.5 30.5 29.7 30.4 30.9 30.5 30.8 30.7 29.5 29.6 29 30.5 | 22. 2<br>23. 7<br>22. 9<br>23. 1<br>21. 6<br>22. 4<br>23. 6<br>23. 23. 6<br>22. 7<br>23. 23. 5<br>22. 9<br>23. 5<br>22. 1<br>22. 1<br>21. 1<br>21. 1<br>22. 4<br>22. 7<br>21. 2<br>21. 2<br>21. 2<br>21. 2<br>21. 2<br>21. 2<br>21. 2<br>21. 2<br>21. 2<br>21. 2<br>21. 2<br>21. 2<br>21. 2<br>21. 4<br>21. 6 | °C. 31. 5 30. 7 32. 2 30. 4 31. 4 31. 4 32. 5 30. 9 30. 6 32. 7 30. 6 32. 7 30. 6 32. 7 30. 6 32. 7 30. 6 32. 2 30. 7 30. 6 31. 8 31. 8   | °C. 8 20. 8 20. 4 20. 2 21. 2 22 21. 2 22. 3 22. 21. 6 20. 5 19 18. 8 19. 4 18. 7 20. 2 20. 8 21. 9 21. 8 21. 8 20. 8 20. 8 | °C. 33. 5 30. 9 32. 7 32. 5 33. 1 33. 7 31. 1 32. 2 32. 8 33. 2 33. 8 32. 7 31. 1 33. 7 31. 1 32. 2 32. 8 33. 2 33. 2 33. 32. 7 32. 8 33. 2 33. 2 33. 33. 7 32. 8 33. 2 33. 2 33. 33. 7 32. 8 33. 2 33. 2 33. 33. 7 | °C. 20, 7 20 20, 3 19, 1 20, 1 20, 5 20, 8 21, 7 20 19, 6 21 20, 8 21, 6 20, 7 19, 7 20, 3 18, 7 18, 5 18, 5 18, 5 20, 6 20, 8 19, 4                     | *C. 30.7 31.3 32.6 31.6 32.5 32.4 32.3 32.4 32.1 31.8 32.9 32.1 31.9 30.6 30.9 30.1 31.1 31.5                                   | °C. 20. 2 20. 1 21. 1 20. 6 20. 6 20. 4 23. 1 1 21. 1 22. 2 21. 9 23. 5 21. 9 21. 4 18. 5 18. 7 17. 4 19. 3 20. 4 19. 3 20. 4 21. 9 21 20. 9 | °C. 31.5 29.8  32.1 30.6 32.1 32.32 32.33 31.7 31.6 30.5 31.4 31.32.9 31.4 31.33.8 32.4 33.5 32.6        |  | °C. 33.5 33.4 34.3 34.6 34.5 33.5 34.7 32.7 34.6 34.7 33.4 33.5 34.7 34.6 34.7 33.4 33.5 34.6 34.7      | 20.9<br>19<br>19.1<br>21                             |

Maximum and minimum temperatures at the stations of the Weather Bureau, November, 1918—Cont.

|   | Ва   | ıler.   | Dag  | upan.  | Bol  | inao.  | Bag   | guio.  |   | rnando<br>ion.  | Ech   | agüe.  |
|---|--|---|--|--|--|--|---|--|---|---|---|--|
| Day.  | Maxi-<br>mum.  | Mini-<br>mum.   |  | Mini-<br>mum.  |  | Mini-<br>mum.  | Maxi-<br>mum.   |  | Maxi-<br>mum.   |   | Maxi-<br>mum.   | Mini-<br>mum   |
| 1   | °C.  | °C.<br>20.9   | °C.  | °C.  | °C.<br>32.8  | °C.  | °C.<br>25.4   | ° <i>Ç</i> .<br>15. 1  | °C.<br>32. 1  | °C.<br>21.3   | °C.<br>31. 5  | °C.  |
| 2   | 30.7   | 21.1  | 32.6   | 22   | 31.6   | 21.9   | 24  | 14.7   | 32.2  | 21.4  | 30.7  | 20.1   |
| 3 <b>4</b>  | 31   | 21<br>20.3  | 33.7<br>32.4   | 22. 5<br>20. 5   | 31. 9<br>30. 8   | 22.6<br>22   | 24.8<br>24.5  | 14<br>12   | 31. 7<br>31. 8  | 22<br>21. 5   | 31<br>31.6  | 20.4   |
| 5   | 31.3   | 21  | 34.3   | 21.6   | 32.3   | 21.3   | 25.6  | 14.8   | 32.2  | 20  | 33  | 19.7   |
| 67  | 31.5   | 20.7 $21.7$   | 33. 4<br>34  | 22<br>22, 5  | 32.3<br>31.1   | 21. 9<br>21. 8   | 26. 2<br>25. 1  | 15.7<br>14.4   | $\frac{31.8}{32.2}$   | 21<br>22, 5   | 32<br>32  | 21.5   |
| 8   | 28.4   | 22.7  | 34.6   | 22.5   | 32.8   | 22.8   | 24.2  | 14.1   |   |   | 29.5  | 22   |
| 9<br>10   | 29.7   | 21.7<br>21.4  | 33.6<br>32.3   | 21.6<br>21.5   | 31.8   | 23. 1<br>22. 5   | 25.8<br>25  | 14. 2<br>14  |   |   | 32<br>31  | 21. 2<br>19. 5   |
| 11  | 32.4   | 21.4  | 33.8   | 21.2   | 32.4   | 21.3   | 23.8  | 14   |   | 10.0  | 30.8  | 19.1   |
| 12<br>13  | 31.5<br>28.9   | 21. 4<br>25   | 32<br>33. 6  | 21.5<br>20.4   | 30.1   | 21. 2<br>20. 5   | 23.3<br>23.1  | 14<br>14   | 32  | 19.3  | 30.5<br>28.6  | 18.8<br>18.3   |
| 14  | 29. 1  | 23.7  | 33.6   | 22.5   | 33.1   | 21.6   | 23.8  | 14.8   |   |   | 28.5  | 21.4   |
| 15<br>16  | 30.3   | 23.3<br>20.7  | 33.6<br>32.3   | 22. 7<br>19. 8   |  | 21.7   | 24. 1<br>25   | 14<br>13. 4  |   |   | 30. 1<br>31. 6  | 21.9<br>18.3   |
| 17  | 30.5   | 20.1  | 31   | 19.2   | 30.2   | 19.5   | 25.3  | 12.6   | 31.2  | 18  | 30.6  | 19.6   |
| 18<br>19  | 30.8<br>29.9   | 20.7<br>19.6  | 33. 2<br>31. 1   | 20.2<br>20   | 31<br>31.8   | 19.5<br>20.4   | 24.8<br>24.3  | 13. 2<br>12. 4   | 31. 6<br>31. 5  | 19.3<br>20  | 32.3<br>32  | 19.5<br>18.1   |
| 20  | 28.9   | 21.4  | 32.8   | 21.9   | 31.7   | 21.8   | 22.8  | 13.4   | 31.8  | 20.1  | 31.1  | 21.3   |
| 21  | 29.5<br>30.6   | 19.5<br>20  | 33.5<br>30.9   | 22<br>20. 5  | $32.5 \\ 31.5$   | 22.5<br>23   | 24.8<br>23  | 14. 1<br>13. 4   | 31. 2<br>32. 3  | 20, 2<br>20, 5  | 31.4<br>32.5  | 20.4<br>18.3   |
| 23  | 30   | 22.3  | 33.1   | 21.4   | 30.4   | 22.2   | 24.6  | 14.4   | 32.5  | 20.8  | 31.5  | 19.5   |
| 24  | 30   | 22. 5<br>22. 1  | 34. 5<br>33. 1   | 22.8<br>21.8   | 32.7<br>32.1   | 22.8<br>22.9   | 25. 1<br>23. 7  | 15. 2<br>14. 6   | 32.8<br>32.3  | 21.3<br>21  | 26.5<br>30.8  | 19.8   |
| 26  | 30.1   | 22  | 32.7   | 21.9   | 31.9   | 23.5   | 24.1  | 15   | 31.7  | 22  | 33.1  | 20.3   |
| 27  | 30<br>30.6   | 22.3<br>20.9  | 31. 1<br>32. 5   | 22. 9<br>22. 2   | 30. 6<br>30. 5   | 23. 9<br>25  | 24. 1<br>24   | 14. 5<br>14  | $\frac{31.5}{32}$   | 20.5<br>22  | 33 31.8   | 21.3   |
| 29  | 30.8   | 20.9  | 33.3   | 22.4   | 32.3   | 22.8   | 24.7  | 14.4   | 31.5  | 22.2  | 31.8  | 21. 4  |
| 30  | 30   | 22.9  | 3 <b>3</b> . 4   | 22.3   | 32   | 22.9   | 24.5  | 14.3   | 31.6  | 22.1  | 30.6  | 21.7   |
| Mean  | 30.3   | 21.5  | 33   | 21.6   | 31.7   | 22.1   | 24.4  | 14.1   | 31.9  | 20.9  | 31.1  | 20.3   |
|   | 1  | 1   |  |  |  | <u> </u>   |   | 1  |   | l   | 1   | 1  |
|   | Can  | don.  | Vig  |  | Tugue  | garao.   | Lao   | ag.  | Apa   | arri.   | Ca<br>Boje  | pe<br>ador.  |
| Day.  | Maxi-  | Mini-   | Maxi-  | an.<br>Mini-   | Maxi-  | Mini-  | Maxi-   | Mini-  | Maxi-   | Mini-   | Boje<br>Maxi-   | ador.<br>Mini  |
| Day.  |  |   |  | an.  |  |  |   |  | Maxi-   | Mini-   | Boje  | ador.<br>Mini  |
| 1   | Maximum.   | Minimum.  | Maxi-<br>mum.<br>°C.<br>34.4   | Minimum.   | Maxi-<br>mum.  | Mini-<br>mum.<br>°C.<br>20.4   | Maxi-<br>mum.<br>°C.<br>31.6  | Mini-<br>mum.<br>°C.<br>22.1   | Maximum.  | Mini-<br>mum.<br>°C.<br>22  | Maximum.  | Mini<br>mum<br>°C.<br>24. 4  |
| 1   | Maxi-<br>mum.<br>°C.<br>30. 9<br>31. 1   | Mini-<br>mum.<br>°C.<br>23.8<br>23.8  | Maxi-<br>mum.<br>°C.<br>34.4<br>33.2   | Mini-<br>mum.<br>°C.<br>23.6<br>22.9   | Maxi-<br>mum.<br>°C.<br>33<br>33.5   | Mini-<br>mum.<br>°C.<br>20.4<br>20.7   | Maxi-<br>mum.<br>°C.<br>31.6<br>31.1  | Mini-<br>mum.<br>°C.<br>22.1<br>20.3   | Maxi-<br>mum.<br>°C.<br>32.5  | Mini-<br>mum.<br>°C.<br>22  | Maxi-<br>mum.<br>°C.<br>30.6<br>29.8  | Mini<br>mum<br>°C.<br>24.4<br>23.2   |
| 1   | Maxi-<br>mum.<br>°C.<br>30. 9<br>31. 1<br>31. 1  | Mini-<br>mum.<br>°C.<br>23.8<br>23.8<br>24<br>21.6  | Maximum.  °C. 34.4 33.2 31.7 31.8  | oC. 23.6 22.9 23 21.1  | Maximum.  °C. 33 33.5 32.3 32.8  | Mini-<br>mum.<br>°C.<br>20. 4<br>20. 7<br>21<br>20. 4  | Maximum.  °C. 31.6 31.1 32.1 31.4   | Mini-<br>mum.<br>°C.<br>22.1<br>20.3<br>20.4<br>18.3   | Maximum.  °C. 32.5 31 30.8 32.2   | Mini-<br>mum.<br>°C.<br>22<br>22<br>22, 3<br>21   | Maxi-<br>mum.<br>°C.<br>30.6<br>29.8<br>30.2<br>30.8  | Mini<br>mum<br>°C.<br>24. 4<br>23. 2<br>23<br>22   |
| 1   | Maximum.  °C. 30.9 31.1 31.1 31.31   | Mini-<br>mum.<br>°C.<br>23.8<br>23.8<br>24<br>21.6<br>22.4  | Maximum.  °C. 34.4 33.2 31.7 31.8 32.8   | an.  Minimum.  °C. 23.6 22.9 23 21.1 22.4  | Maximum.  °C. 33 33.5 32.3 32.8 33.6   | Minimum.  °C. 20.4 20.7 21 20.4 19   | Maximum.  °C. 31.6 31.1 32.1 31.4 31.1  | Minimum.  °C. 22.1 20.3 20.4 18.3 18.5   | Maximum.  °C. 32.5 31 30.8 32.2 31  | Mini-<br>mum.<br>°C.<br>22<br>22, 3<br>21<br>20, 6  | Maximum.  °C. 30.6 29.8 30.2 30.8 30.4  | Mini<br>mum<br>°C.<br>24. 4<br>23. 2<br>23<br>22<br>23. 4  |
| 1   | Maximum.  °C. 30.9 31.1 31.1 31.7 31.7 31  | Minimum.  °C. 23.8 23.8 24 21.6 22.4 23 24.2  | Maximum.  °C. 34.4 33.2 31.7 31.8 32.8 32.2 33   | oC. 23.6 22.9 23 21.1 22.4 22.6 23.6   | Maximum.  °C. 33 33.5 32.8 33.6 34.6 34.4  | Mini-<br>mum.  °C. 20. 4 20. 7 21 20. 4 19 22. 4 20. 6   | Maximum.  °C. 31.6 31.1 32.1 31.4 31.1 31.2 32.7  | Mini-<br>mum.<br>°C.<br>22. 1<br>20. 3<br>20. 4<br>18. 3<br>18. 5<br>20. 9<br>20. 9  | Maximum.  °C. 32.5 31 30.8 32.2 31 31.6 31.5  | Minimum.  °C. 22 22 22.3 21 20.6 22 21.8  | Boje  Maximum.  °C. 30.6 29.8 30.2 30.8 30.4 31.8 30.2  | oC. 24. 4 23. 2 23 22 23. 4 23. 2 22. 8  |
| 1   | Maximum.  °C. 30.9 31.1 31.1 31.7 31.7 31 30.5   | Minimum.  23.8 23.8 24 21.6 22.4 23 24.2 23   | Maximum.  °C. 34.4 33.2 31.7 31.8 32.8 32.2 33 33.1  | Mini-<br>mum.  °C. 23.6 22.9 23 21.1 22.4 22.6 23.6 23.6   | Maximum.  °C. 33 33.5 32.8 33.6 34.6 34.4  | Minimum.  °C. 20. 4 20. 7 21 20. 4 19 22. 4 20. 6 21. 4  | Maximum.  °C. 31.6 31.1 32.1 31.4 31.1 31.2 32.7 33.4   | Minimum.  °C. 22.1 20.3 20.4 18.3 18.5 20.9 20.9   | Maximum.  °C. 32.5 31 30.8 32.2 31 31.6 31.5 29   | Minimum.  °C. 22 22, 22, 3 21 20, 6 22 21, 8 22, 1  | Boje  Maximum.  °C. 30.6 29.8 30.2 30.8 30.4 31.8 30.2 31.4   | Min<br>mun<br>°C.<br>24. 4<br>23. 2<br>23. 2<br>22. 3. 4<br>23. 2<br>22. 8<br>22. 4  |
| 1   | Maxi-mum.  | Minimum.  °C. 23.8 23.8 24.2 21.6 22.4 23.2 23.8 24.2 23.8 21.7   | Maximum.  °C. 34.4 33.2 31.7 31.8 32.8 32.2 33 33.1 32.9 34.3  | Minimum.  °C. 23.6 22.9 23 21.1 22.4 22.6 23.6 22 23.8 21.5  | Maximum.  °C. 33 33.5 32.8 33.6 34.6 34.4 30 33.5 32.7   | Minimum.  C. 20. 4 20. 7 21 20. 4 19 22. 4 20. 6 21. 4 20. 7 19. 5   | Maximum.  °C. 31.6 31.1 32.1 31.4 31.1 31.2 32.7 33.4 31.9 32.8   | Minimum.  °C. 22. 1 20. 3 20. 4 18. 3 18. 5 20. 9 20. 9 18 21. 1   | Maximum.  °C. 32.5 31 30.8 32.2 31 31.6 31.5 29 31.7 29.1   | Minimum.  °C. 22 22, 3 21 20, 6 22 21, 8 22, 1, 3 21, 5   | Maximum.  °C. 30.6 29.8 30.2 30.8 30.4 31.8 30.2 31.4 31.4 28.3   | Minimum  °C. 24.4 23.2 23.4 23.2 22.8 22.8 22.4 23.8   |
| 1   | Maximum.  °C. 30.9 31.1 31.7 31.7 31 30.5 31.6 32 32   | Minimum.  °C. 23.8 23.8 24.6 22.4 23.8 24.2 23 23.8 21.7 21.5   | Maximum.  °C. 34.4 33.2 31.7 31.8 32.8 32.2 33 33.1 32.9 34.3  | oC. 23.6 22.9 23.1 22.4 22.6 23.8 21.5 22 24.2   | Maximum.  °C. 33 33.5 32.8 33.6 34.4 30 33.5 32.7 32.5   | Minimum.  °C. 20. 4 20. 7 21 20. 4 19 22. 4 20. 6 21. 4 20. 7 19. 5 18. 6  | Maximum.  °C. 31.6 31.1 32.1 31.4 31.2 31.2 32.7 33.4 31.9 32.8 33.1  | Minimum.  °C. 22.1 20.3 20.4 18.3 18.5 20.9 18 21.1 18   | Maximum.  °C. 32.5 31 30.8 32.2 31 31.6 31.5 29 31.7 29.1 29.3  | Minimum.  °C. 22 22 22, 3 21 20, 6 22 21, 8 22, 1 21, 3 21, 5 20, 5   | Boje  Maximum.  °C. 30.6 29.8 30.8 30.4 31.8 30.2 31.4 31.4 28.3 28.4   | oC. 24. 4 23. 2 23. 22 23. 4 23. 2 22. 8 22. 4 23. 8 22. 5 23. 5   |
| 1   | Maximum.  °C. 30.9 31.1 31.7 31 31.7 31 30.5 31.6 32 32 31 31  | Minimum.  °C. 23.8 23.8 24 21.6 22.4 23 24.2 23 24.1 21.5 20.5  | Maximum.  °C. 34.4 33.2 31.7 31.8 32.8 32.2 33 33.1 32.9 34.3 34 32.7 34.7   | minimum.  OC. 23.6 22.9 23.21.1 22.4 22.6 23.6 22.3.8 21.5 24.2 22.1.4   | Maximum.  °C. 33 33.5 32.8 33.6 34.6 34.4 30 33.5 32.7 32.5 33.6 31.4  | Minimum.  °C. 20. 4 20. 7 21 20. 4 19 22. 4 20. 6 21. 4 20. 7 19. 5 18. 6 19. 5 21   | Maximum.  °C. 31.6 31.1 32.1 31.4 31.1 31.2 32.7 33.4 31.9 32.8 33.1 33.3 34.2  | Minimum.  °C. 22. 1 20. 3 20. 4 18. 3 18. 5 20. 9 20. 9 18 21. 1   | Maximum.  °C. 32.5 31 30.8 32.2 31 31.6 31.5 29 31.7 29.1   | Minimum.  °C. 22 22, 3 21 20, 6 22 21, 8 22, 1, 3 21, 5   | Boje  Maximum.  °C. 30.6 29.8 30.2 30.8 30.2 31.4 31.4 32.4 31.4 31.4 31.4 31.4   | Min<br>mun<br>24. 4<br>23. 2<br>23<br>22<br>23. 4<br>23. 2<br>22. 8<br>22. 4<br>23. 8<br>22. 5<br>23. 5<br>22. 4   |
| 1   | Maximum.  °C. 30.9 31.1 31.1 31.7 31 30.5 31.6 32 32 31 31 30.2  | Minimum.  CC. 23.8 23.8 24.2 21.6 22.4 23 24.2 23 23.8 21.7 21.5 20.2 20.5 22.2   | Maximum.  °C. 34.4 33.2 31.7 31.8 32.8 32.2 33 33.1 32.9 34.3 34 32.7 34.7 34.7  | an.  Minimum.  °C. 23.6 22.9 23 21.1 22.4 22.6 23.6 22.8 21.5 24.2 21.4 22.7   | Maximum.  °C. 33 33.5 32.8 33.6 34.6 34.4 30 33.5 32.7 32.5 33.6 31.4 32   | Minimum.  C. 20. 4 20. 7 21 20. 4 20. 7 21 20. 4 20. 6 21. 4 20. 7 19. 5 18. 6 19. 5 21 21. 8  | Maximum.  °C. 31.6 31.1 32.1 31.2 32.7 33.4 31.9 32.8 33.1 33.3 34.2 32.6   | Minimum.  °C. 22.1 20.3 20.4 18.3 18.5 20.9 20.9 18 21.1 18 19.5 17.4 18.7 19.9  | Maximum.  °C. 32.5 31 30.8 32.2 31 31.6 31.5 29 31.7 29.1 29.3 30 31.1 31   | Minimum.  °C. 22 22, 3 21, 20, 6 22 21, 8 22, 1, 3 21, 5 20, 5 21 20, 8 21, 6   | Boje  Maximum.  °C. 30.6 29.8 30.2 30.8 30.2 31.4 28.3 31.4 28.4 30.6 31.2 28.2   | oC. 24. 4 23. 2 22. 8 22. 4 23. 5 22. 4 23. 5 22. 4 23. 5 22. 4 23. 2 23. 8  |
| 1   | Maximum.  °C. 30.9 31.1 31.1 31.7 31 30.5 31.6 32 32 31 30.2 32 31.7   | Minimum.  23.8 23.8 23.8 24.2 21.6 22.4 23 23.8 21.7 21.5 20.2 20.5 22.5 20   | Maximum.  °C. 34.4 33.2 31.7 31.8 32.8 32.2 33 33.1 32.9 34.3 34.7 34.7 33.8 34.8  | an.  Minimum.  23.6 22.9 23 21.1 22.4 22.6 23.8 21.5 24.2 22 21.4 22.7 24 22.7   | Maximum.  °C. 33 33.5 32.8 33.6 34.4 30 33.5 32.7 32.5 33.6 31.4 32 33.6 33.6  | Minimum.  C. 20. 4 20. 7 21 20. 4 19 22. 4 20. 6 21. 4 20. 7 19. 5 18. 6 19. 5 21 21. 8 21. 4 20. 4  | Maximum.  °C. 31.6 31.1 32.1 31.4 31.1 31.2 32.7 33.4 31.9 32.8 33.1 33.3 34.2  | Minimum.  °C. 22. 1 20. 3 20. 4 18. 3 18. 5 20. 9 20. 9 18 19. 5 17. 4 18. 7   | Maximum.  °C. 32.5 31 30.8 32.2 31 31.6 31.5 29 31.7 29.1 29.3 30 31.1  | Minimum.  °C. 22 22 22.3 21 20.6 22 21.8 22.13 21.5 20.5 21   | Boje  Maximum.  °C. 30.6 29.8 30.2 30.8 30.2 31.4 31.4 32.4 31.4 31.4 31.4 31.4   | oC. 24. 4 23. 2 23 22 23. 4 23. 2 22. 8 22. 8 22. 5 23. 5 23. 5 22. 23. 5  |
| 1   | Maximum.  °C. 30.9 31.1 31.7 31.31 31.6 32 32 31.30.2 32 31.7 31.7 31.7  | Minimum.  °C. 23.8 23.8 24 21.6 22.4 23 24.2 23 24.2 20.5 20.2 20.5 20.2 20.5 20.3  | Maximum.  °C. 34.4 33.2 31.7 31.8 32.2 33.33.1 32.9 34.3 34.7 34.7 34.7 34.8 34.7 30.8   | oC. 23.6 22.9 23 21.1 4 22.6 22.8 21.5 24.2 22.7 24 22.5 21  | Maximum.  °C. 33 33.5 32.8 33.6 34.4 30 33.5 32.7 32.5 32.7 32.5 33.6 31.4 32 33.6 33.8  | Minimum.  °C. 20. 4 20. 7 21 20. 4 19 22. 4 20. 6 21. 4 20. 7 19. 5 18. 6 19. 5 21 21. 8 21. 4 20. 4 20. 4                                 | Maximum.  °C. 31.6 31.1 32.1 31.4 31.1 31.2 32.7 33.4 31.9 32.8 33.1 33.3 34.2 32.6 33.4  | Minimum.  °C. 22.1 20.3 20.4 18.3 20.9 20.9 18 19.5 17.4 18.7 19.9 22.3  | Maximum.  °C. 32.5 31 30.8 32.2 31 31.6 31.5 29 31.7 29.1 29.3 30 31.1 31 30.6 31 30.8  | Minimum.  °C. 22 22 22 22. 3 21 20.6 22 21.8 22.13 21.5 20.5 21 20.8 22.5 20.9 21.3   | Maximum.  °C. 30.6 29.8 30.2 30.8 30.2 31.4 31.4 28.3 28.4 30.6 31.2 28.6 29.2 28.6   | Minimum  C. 24. 4 23. 2 23. 2 23. 4 23. 2 22. 8 22. 4 23. 2 22. 4 23. 2 24. 8 22. 5 23. 5 24. 4 21. 5  |
| 1   | Maximum.  °C. 30.9 31.1 31.1 31.7 31 30.5 31.6 32 32 31 30.2 32 31.7   | Minimum.  C. 23.8 23.8 24.2 23.8 24.2 23.8 21.7 21.5 20.5 20.5 22.2 22.5 20.3 21.8 22   | Maximum.  °C. 34.4 33.2 31.7 31.8 32.8 32.2 33 33.1 32.9 34.3 34.7 34.7 33.8 34.8  | an.  Minimum.  °C. 23.6 22.9 23 21.1 22.4 22.6 23.6 22 23.8 21.5 24.2 22 21.4 22.5 21.4 22.5 21.5 22 21.5 22 21.5 22 21.6 22 21.7 24 22.5 21.5 22 21.5 22 21.7 24 22.5 21.5 22   | Maximum.  °C. 33 33.5 32.8 33.6 34.4 30 33.5 32.7 32.5 33.6 31.4 32 33.6 33.6  | Minimum.  °C. 20. 4 20. 7 21 20. 4 19 22. 4 20. 6 21. 4 20. 7 19. 5 21 21. 8 21. 4 20. 4 19 17. 8  | Maximum.  °C. 31. 6 31. 1 32. 1 31. 1 31. 2 32. 7 33. 4 31. 9 32. 8 33. 1 33. 3 34. 2 32. 6 33. 4 33. 4   | Minimum.  C. 22. 1 20. 3 20. 4 18. 3 18. 5 20. 9 18 21. 1 18 19. 5 17. 4 18. 7 19. 9 22. 3 19. 3 17. 3   | Maximum.  °C. 32.5 31 30.8 32.2 31 31.6 31.5 29 31.7 29.1 29.3 30 31.1 31.30.6  | Minimum.  °C. 22 22 22.3 21 20.6 22 21.8 22.1 20.5 21.5 20.5 21.6 22.5 20.9   | Maxi-mum.  °C. 30.6 29.8 30.2 30.8 30.2 31.4 31.4 28.3 28.4 30.2 28.6 29.6  | Mini mum  C. 24. 4 23. 2 22 23. 4 23. 2 23. 2 23. 4 23. 2 23. 8 22. 4 23. 8 22. 4 23. 2 23. 5 22. 4 23. 2 23. 2 24. 2 23. 2 24. 2 23. 2 24. 2 25. 5 22. 4  |
| 1   | Maximum.  C. 30.9 31.1 31.7 31.3 30.5 31.6 32 32 31 30.2 32 31.7 31.2 30.5 30.5 30.5   | Minimum.  C. 23.8 23.8 24.2 21.6 22.4 23.8 24.2 23.8 21.7 21.5 20.5 22.5 20.5 22.5 20.3 21.8 22   | Maximum.  °C. 34.4 33.2 31.7 31.8 32.8 32.2 33.3 33.1 32.9 34.7 34.7 33.8 34.7 33.8 34.7 30.8 34.7 30.8 31.2   | an.  Minimum.  23.6 22.9 23.21.1 22.4 22.6 23.8 21.5 24.2 21.4 22.7 24.2 21.5 22.5 21.5 22.1 21.6  | Maximum.  °C. 33 32.3 33.5 33.6 34.4 30 33.5 32.7 32.5 33.6 31.4 32 33.6 33.7 32.7 32.3  | Minimum.  °C. 20. 4 20. 7 21 20. 4 19 22. 4 20. 7 19. 5 18. 6 19. 5 12. 8 21. 8 21. 8 20. 4 20. 4 20. 7                                    | Maximum.  °C. 31. 6 31. 1 32. 1 31. 4 31. 2 32. 7 33. 4 31. 9 32. 8 33. 1 32. 6 33. 4 33. 6 30. 9 31. 3   | Minimum.  °C. 120.3 20.4 18.3 520.9 20.9 18 21.1 18 719.5 17.4 18.7 19.3 19.3 17.3 19.3 17.3   | Maximum.  °C. 32.5 31 30.8 32.2 31 31.6 529 31.7 29.1 29.3 30 31.1 31.6 31.5 29.6 31.2 29.6   | Minimum.  °C. 22 22, 3 21, 20, 6 22, 1, 21, 3 21, 5 20, 5 21, 20, 8 21, 6 22, 5 20, 9 21, 3 20, 8 20, 3 21, 1   | Maximum.  °C. 30.6 29.8 30.2 30.8 30.2 31.4 31.4 28.3 28.4 30.6 31.2 28.6 29.2 28.6 29.6 29.2 25.8  | Minimum  OC. 24. 4 23. 2 23. 2 22. 4 23. 2 22. 4 23. 2 24. 4 23. 2 24. 4 23. 2 24. 4 24. 23. 2 25. 5 22. 4 24. 2 2 |
| 1   | Maximum.  C. 30. 9 31. 1 31. 1 31. 7 31 30. 5 31. 6 32 32 31 30. 2 32 31. 7 31. 2 30. 5 30. 5  | Minimum.  C. 23.8 24.6 22.4 23.8 24.2 23.8 24.2 22.5 20.2 20.3 21.8 22 22.5 23.8  | Maximum.  °C. 34.4 33.2 31.7 31.8 32.8 32.2 33 33.1 32.9 34.3 34.7 34.7 33.8 34.8 34.7 30.8 31.2 32.6  | an.  Minimum.  °C. 23.6 22.9 23 21.1 22.4 22.6 23.6 22 23.8 21.5 24.2 22 21.4 22.5 21.4 22.5 21.5 22 21.5 22 21.5 22 21.6 22 21.7 24 22.5 21.5 22 21.5 22 21.7 24 22.5 21.5 22   | Maximum.  °C. 33 33.5 32.8 33.6 34.6 34.4 30 33.5 32.7 32.5 33.6 31.4 32 33.7 32.7   | Minimum.  °C. 20. 4 20. 7 21 20. 4 19 22. 4 20. 6 21. 4 20. 7 19. 5 21 21. 8 21. 4 20. 4 19 17. 8  | Maximum.  °C. 31.6 31.1 32.1 31.4 31.1 31.2 32.7 33.4 31.9 32.8 33.1 33.3 34.2 32.6 33.4 31.6 30.9 31.3   | Minimum.  °C. 22.1 20.3 20.4 18.3 18.5 520.9 20.9 18 21.1 18 19.5 17.4 19.9 22.3 19.3 17.3   | Maximum.  °C. 32.5 31 30.8 32.2 31 31.5 29 1 29.3 30 31.1 31.30.6 31 30.3 30.3 30.3 29.5  | Minimum.  °C. 22 22. 3 21 20. 6 22. 1 21. 8 22. 1 21. 5 20. 5 20. 8 21. 6 22. 5 20. 9 21. 3 20. 8 20. 3 21. 1 20. 6   | Boje  Maximum.  °C. 30.6 29.8 30.2 30.8 30.2 31.4 28.3 28.4 30.6 31.2 28.2 29.6 29.2 29.6 29.2 25.8 2   | Minimum  24. 4 23. 2 23. 2 23. 2 23. 2 22. 8 22. 4 23. 5 22. 4 23. 2 23. 2 23. 4 21. 4 21. 8 21. 8   |
| 1   | Maximum.  °C. 30.9 31.1 31.1 31.7 31.31 30.5 31.6 32 31 30.2 32 31.7 31.2 30.5 30.5 30.5 30.5 30.5 30.5  | Minimum.  °C. 23.8 23.8 24.6 22.4 23 23.8 21.7 21.5 20.2 20.5 20.2 21.8 22.5 20.2 22.5 20.3 21.8 22.5 23.8 22.5 23.8 22.5 20.5 20.5 20.5 20.5 20.5 20.5 20.5  | Maximum.  °C. 34.4 33.2 31.7 31.8 32.8 32.2 33.3 33.1 32.9 34.3 34.7 30.8 34.7 30.8 31.2 32.6 31.5 31.6 31.6 31.6  | an.  Minimum.  23.6 22.9 23 21.1 22.4 22.6 23.8 21.5 24.2 21.4 22.7 24 22.5 21.5 22 21.6 22.8 21.5 22 21.8 21.8 21.8 21.8  | Maximum.  oC. 33 33.5 32.8 33.6 34.4 30.5 32.7 32.7 32.7 32.7 32.7 32.7 32.7 32.7  | Minimum.  20. 4 20. 7 21 20. 4 19 22. 4 20. 6 21. 4 20. 7 19. 5 11 21. 8 21. 4 20. 4 19 17. 8 22. 2 21. 6 19 21. 4                         | Maximum.  °C. 31.6 31.1 32.1 31.4 31.1 31.2 32.7 33.4 31.9 32.8 33.1 33.3 34.2 32.6 33.4 31.6   | Minimum.  °C. 22.1 20.3 20.4 18.3 18.5 20.9 18 19.5 17.4 18.7 19.9 22.3 17.3 17.2 18.7 21.8 7 21.8   | Maximum.  °C. 32.5 31 30.8 32.2 31 631.5 29 1 30.6 31.1 30.6 31 30.3 30.3 30.3 30.6 31.5 30.3 30.3 30.3 30.3 30.3 30.3  | Minimum.  °C. 22 22. 3 21. 20. 6 22. 3 21. 8 22. 1. 3 21. 5 20. 5 21. 6 22. 5 20. 8 | Boje  Maximum.  °C. 30.6 29.8 30.2 30.8 30.2 31.4 31.4 28.3 28.4 30.2 28.6 29.2 29.6 29.2 29.6 29.2 29.6 29.2 29.6  | Mini mum  OC. 24. 4 23. 2 23. 2 23. 4 23. 2 22. 8 22. 4 23. 2 22. 4 23. 2 11. 4 21. 4 21. 4 21. 4 21. 4 21. 4 21. 4 21. 4 21. 4 22. 7 22. 7  |
| 1   | Maximum.  C. 30. 9 31. 1 31. 7 31 31. 7 31 30. 5 32 32 31. 7 30. 5 30. 5 30. 5 30. 5 30. 5 31. 1 31. 1   | Minimum.  °C. 23.8 24.6 22.4 23.2 24.2 23.8 24.7 21.5 20.5 22.2 20.5 20.3 21.8 22 22.5 23.8 22 22.5 23.8 22 22.5 23.8 22 22.5 23.8 22 22.5 23.8 22 22.5 23.8  | Maximum.  °C. 34.4 33.2 31.7 31.8 32.2 33.3 33.1 32.9 34.7 34.7 33.8 34.7 34.7 30.8 34.7 30.8 31.2 32.6 31.5 32.2 30.6 31.5                                    | oC. 23.6 22.9 23 21.1 22.4 22.6 23.8 21.5 24.2 22 21.4 22.7 24 22.5 21.5 22.5 21.5 22.3 21.8 21.5 22.3 21.8 21.5 22.5 22 | Maximum.  °C. 33 33.5 32.3 33.6 34.4 30 33.5 32.7 32.5 33.6 31.4 32 33.6 31.7 32.4 32 31.7 32.3 32 31.7 32.3 32 31.7   | Minimum.  C. 20. 4 20. 7 21 20. 4 19 22. 4 20. 7 19. 5 18. 6 21. 4 20. 4 19 17. 8 22. 2 21. 6 19   | Maximum.  °C. 31.6 31.1 32.1 31.2 31.2 32.7 33.4 31.9 32.8 33.1 33.3 34.2 32.6 33.4 31.6 30.9 31.1 31.4 33  | Minimum.  °C. 1 20. 3 20. 4 18. 3 20. 9 18 21. 1 18 5 17. 4 18. 7 19. 9 22. 3 17. 3 17. 2 18. 7 21. 8 7 19. 19. 20. 2 18. 7 21. 8 7 21 | Maximum.  °C. 32.5 31 30.8 32.2 31 31.6 31.5 29 1 29.3 30.6 31.1 31.30.6 31.5 29.6 30.6 30.5 29.6 30.5 29.6 30.5 29.6 30.5 29.6   | Minimum.  °C. 222 22.3 21 20.6 222 21.8 22.1 21.5 20.5 21.5 20.9 21.3 21.5 20.8 22.1 20.8 21.1 20.8 22.1 20.8 22.2 23   | Maximum.  °C. 30.6 29.8 30.2 30.8 30.2 31.4 31.4 31.4 31.4 31.2 28.6 31.2 28.6 29.2 28.6 29.2 25.8 28.2 29.6 29.2 26.7  | ador.  Minim mum  °C. 24. 4 23. 2 23. 2 23. 2 23. 2 22. 8 22. 24. 23. 2 22. 4 23. 2 23. 4 21. 5 21. 4 21. 8 21. 6 23. 4 21. 7 21. 8 22. 4 21. 7 21. 8 22. 4 21. 7 21. 8 22. 4 21. 7 21. 8 22. 4 21. 7 21. 8 22. 4 21. 7 21. 8 22. 4 21. 7 21. 8 22. 4 21. 7 21. 8 22. 4 21. 7 21. 8 22. 4 21. 7 21. 8 22. 7 21. 9 22. 4 22. 7 22. 4 22. 7 22. 4 22. 7 22. 4 22. 7 22. 4 22. 7 22. 4 22. 7 22. 7 22. 4 22. 7 22. 7 22. 7 22. 7 22. 7  |
| 1   | Maximum.  C. 30. 9 31. 1 31. 1 31. 7 31 31. 7 31. 32 32 32 31 30. 2 32 31. 30. 5 30. 5 30. 5 30. 5 30. 5 30. 5 30. 5 30. 5 31. 1 30. 5   | Minimum.  C. 23.8 23.8 24.6 22.4 23.8 24.2 23.8 21.7 21.5 20.2 20.5 22.2 22.5 20.3 21.8 22 22.5 23.8 22.5 23.8 23.8 23.8  | Maximum.  °C. 34.4 33.2 31.7 31.8 32.8 32.2 33.3 33.1 32.9 34.3 34.7 34.7 34.8 34.8 31.2 30.8 31.2 30.6 31.8 32.2 30.6 31.8 32.2 30.6 31.8 32.2 30.6 31.8 32.2 | an.  Minimum.  °C. 622.9 23 21.1 22.4 22.6 23.6 22.3 21.5 24.2 21.5 22.1 21.5 22.1 21.5 22.1 21.5 22.1 21.5 22.1 21.5 22.1 21.5 22.1 21.5 23.8   | Maximum.  oC. 33.5 32.8 33.6 34.4 30.8 33.5 32.7 32.5 33.6 31.4 32 33.6 31.7 32.3 32 31.7 32.3 32 33.1 32.7 30.2 33.1  | Minimum.  oC. 420.7 21 20.4 19 22.4 20.6 21.4 20.7 19.5 18.6 19.5 21.8 21.4 20.4 19 21.4 20.4 19 21.4 21.8 21.7                            | Maximum.  °C. 31.6 31.1 32.1 31.1 31.2 32.7 33.4 31.9 32.8 33.1 33.3 34.2 32.6 33.4 33.1 31.3 30.9 31.1 31.3 31.3 31.3 31.3                                       | Minimum.  °C. 22.1 20.3 20.4 18.3 18.5 20.9 18 21.1 18 517.4 18.7 19.9 22.3 17.3 17.2 18.7 21.8 19.3 20.2 19.5 20  | Maximum.  °C. 32.5 31 30.8 32.2 31 31.5 29 1 29.3 30 31.1 31.30.6 31.5 29.6 30.6 31.5 30.3 29.5 29.6 30.6 31.5 30.3 39.1 30.1 33  | Minimum.  °C. 222 22.3 21 20.6 22.1 21.8 22.1 21.5 20.5 21.6 22.5 20.9 21.3 20.8 21.1 20.6 21.3 22.2 23 23 22.3   | Maximum.  °C. 30.6 29.8 30.2 30.8 30.2 31.4 31.4 30.6 31.2 28.6 29.2 28.6 29.6 29.6 29.2 25.8 28.2 26.7 29.2  | ador.  Minii mum  °C. 24. 4. 23. 2  23. 22 22. 8. 8. 22. 4. 23. 5  22. 4. 23. 8. 22. 4. 21. 5  22. 4. 21. 5  22. 4. 21. 5  22. 4. 21. 4  21. 8. 22. 4  22. 4. 22. 4  22. 4. 23. 21  23. 4. 22. 4  22. 4. 23. 22  23. 4. 23. 23   |
| 1 2 2 3 4 4 5 5 6 6 7 7 8 8 9 9 10 11 12 12 13 14 15 15 16 15 17 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19 | Maximum.  C. 30.9 31.1 31.7 31 31.3 30.5 31.6 32 32 31.7 31.2 30.5 30.5 30.5 31.1 30.5 31.1 30.5 31.3 30.5   | Minimum.  C. 23.8 23.8 24.6 22.4 23.8 24.2 23.8 24.5 20.5 20.5 22.2 22.5 20.3 21.8 22.5 23.8 23.8 23.8 22.5 23.8 23.8 23.8 23.8 23.8 23.8 23.8 23.8 | Maximum.  °C. 34.4 33.2 31.7 31.8 32.8 32.2 33.3 33.1 32.9 34.3 34.7 34.7 34.7 34.8 31.2 32.6 31.8 32.2 30.6 31.5 32.6 32.3                                    | an.  Minimum.  23.6 22.9 23.21.1 22.4 22.6 23.8 21.5 24.2 22.7 24 22.7 24 22.5 21.5 22.1 21.5 22.3 21.5 22.3 21.5 22.3 21.5 22.5 21.5 22.5 21.5 22.5 21.5 22.5 21.5 22.7 24.7 22.5 21.5 22.7 24.8 21.5 22.8 21.5 22.8 21.5 22.8 21.5 22.8 21.5 22.8 21.5 22.8 21.5 22.8 21.5 22.8 21.5 22.8 21.5 23.5 23.5 23.5 23.5   | Maximum.  C. 33 33.5 32.8 33.6 34.4 30 33.5 32.7 32.7 32.6 31.4 32 33.6 31.7 32.7 32.3 32 31.7 32.7 32.7 32.7 33.6 33.6 33.6 33.6 33.6 33.6 33.6 33  | Minimum.  C. 20. 4 20. 7 21 20. 4 19 22. 4 20. 7 19. 5 18. 6 21. 4 20. 4 19 17. 8 22. 2 21. 6 19 21. 4 22. 4 20. 4 20. 4 21. 8 21. 7 22. 1 | Maximum.  °C. 31. 6 31. 1 32. 1 31. 2 31. 2 32. 7 33. 4 31. 9 32. 8 33. 1 33. 3 34. 2 32. 6 33. 4 33. 4 33. 4 31. 6 30. 9 31. 1 31. 4 33 31. 3 31. 5 30. 2        | Minimum.  °C. 1 20. 3 20. 4 18. 3 20. 9 20. 9 18 21. 1 18, 7 19. 9 22. 3 19. 3 17. 2 18. 7 21. 8 19. 3 20. 2 19. 5 20 21. 6  | Maximum.  °C. 32.5 31 30.8 32.2 31 31.6 29.1 29.3 30 31.1 30.6 31.3 30.3 29.5 30.3 30.3 29.5 30.3 30.3 30.5 30.5  | Minimum.  °C. 22 22, 3 21 20, 6 22 21, 8 22, 1 21, 5 20, 5 21 20, 8 21, 1 20, 8 21, 1 20, 8 21, 1 20, 8 21, 1 20, 8 21, 1 20, 8 21, 1 20, 8 21, 1 20, 8 21, 1 20, 8 21, 1 21, 1 20, 8 21, 1 21, 1 21, 1 21, 1 22, 2 23, 21, 3 21, 3 21, 3   | Maximum.  °C. 30.6 29.8 30.2 30.8 30.2 31.4 31.8 30.2 28.4 30.6 31.2 28.6 29.2 28.6 29.6 29.6 29.2 26.7 29.2 29.2 28.8  | ador.  Mini mum  °C. 24. 42. 23. 22. 23. 4. 23. 2. 22. 8. 22. 4. 23. 2. 22. 4. 23. 2. 24. 23. 2. 24. 23. 2. 24. 23. 2. 24. 23. 2. 24. 23. 2. 24. 23. 2. 24. 23. 22. 4. 23. 22. 4. 23. 22. 4. 23. 22. 4. 23. 22. 4. 23. 22. 4. 23. 22. 4. 23. 22. 4. 23. 22. 9. |
| 1   | Maximum.  C. 30. 9 31. 1 31. 7 31 31. 7 31 30. 5 31. 6 32 32 31. 7 30. 5 30. 5 30. 5 30. 5 31. 1 30. 5 31. 6 31. 6 31. 6 31. 6 31. 6 31. 6 31. 6 31. 6 31. 6 31. 6 31. 5 31. 5 | Minimum.  C. 823.8 24.6 21.6 22.4 23.8 24.2 23.8 21.7 21.5 20.2 20.5 20.3 21.8 22 22.5 23.8 22.5 23.8 23.8 22.5 23.8 23.8 23.8 22.5 23.8 23.8 23.8 23.8 24.9 25.5   | Maximum.  °C. 34.4 33.2 31.7 31.8 32.8 32.2 33.3 33.1 32.9 34.3 34.7 34.7 34.8 34.7 30.8 31.2 30.6 31.8 32.2 32.6 31.5 30.9 32.2 32.6 32.2 32.6 32.3           | an.  Minimum.  °C. 23.6 22.9 23.21.1 22.4 22.6 23.8 21.5 24.2 22.7 24.2 22.7 24.2 21.4 22.7 21.5 22.1 21.5 22.1 21.5 23.5 23.5 23.5 23.5 23.5 23.5 23.5 23   | Maximum.  oC. 33.5 32.3 33.5 32.8 33.6 34.4 30.3 33.5 33.6 31.4 32.3 33.6 31.7 32.4 32.3 32.7 30.2 33.6 33.6 33.8 32.7 30.2 33.6 33.8 32.7 30.2 33.8 32.7 30.2 33.8 33.8 33.8 33.8 33.8 33.8 33.8 33 | Minimum.  C. 20. 4 20. 7 21 20. 4 20. 6 21. 4 20. 7 21. 8 21. 4 20. 4 19 21. 8 22. 2 21. 6 19 21. 4 22. 2 21. 6 22. 7 22. 7                | Maximum.  °C. 31.6 31.1 32.1 31.2 31.3 32.7 33.4 31.1 31.2 32.8 33.1 33.3 34.2 33.4 33.4 33.4 33.4 33.4 33.1 31.5 30.9 31.1 31.4 33 31.5 30.2 31.8 31.5 30.2 31.8 | Minimum.  °C. 22. 1 20. 3 20. 4 18. 3 20. 9 18 19. 5 17. 4 18. 7 19. 9 22. 3 17. 3 17. 2 18. 7 21. 8 19. 3 20. 2 19. 5 20 21. 6 18. 9  | Maximum.  °C. 32.5 31 30.8 32.2 31.7 31.6 31.5 29.1 30.8 31.1 31.6 31.5 29.6 30.6 31.5 30.3 29.5 30.3 29.5 30.3 29.5 30.5 28.6 30.5 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28 | Minimum.  °C. 222 22.3 21 20.6 222 21.8 22.15 20.5 21.5 20.8 22.15 20.8 21.15 20.8 21.16 22.5 20.9 21.3 21.3 22.2 23 22.3 23.3 23.3 23.3 2  | Maxi- mum.  °C. 30.6 29.8 30.2 30.8 30.1 31.4 31.4 31.4 31.2 28.6 30.2 28.6 29.6 29.6 29.2 28.6 29.2 29.6 29.2 29.6 29.2 29.2 20.2 29.2 20.2 29.2 20.6 29.2 20.6 29.2 20.6 20.2 20.6 20.2 20.6 20.6 20.6 20 | Minimum  °C. 24. 4. 23. 2. 23. 22. 4. 23. 2. 23. 4. 23. 2. 23. 4. 23. 2. 24. 4. 23. 2. 24. 4. 23. 2. 24. 4. 21. 8. 21. 6. 22. 7. 22. 4. 22. 4. 22. 4. 22. 4. 22. 4. 22. 4. 22. 9. 23. 23. 23. 23. 23. 23. 23. 23. 23. 23   |
| 1   | Maximum.  C. 30.9 31.1 31.1 31.7 31.31 31.6 32 32 31.31.2 30.5 30.5 30.5 30.5 31.1 31.6 31.1 30.5 31.1 31.5 31.5 31.5 31.5 31.5  | Minimum.  C. 23.8 23.8 24.2 23.8 21.6 22.4 23.8 21.7 21.5 20.2 20.5 20.3 21.8 22.5 23.8 22.5 23.8 22.5 23.8 22.5 23.8   | Maximum.  °C. 34.4 33.2 31.7 31.8 32.8 32.2 33.1 32.9 34.3 34.7 30.8 34.7 30.8 31.8 31.2 30.6 31.8 32.2 30.6 31.5 32.2   | an.  Minimum.  23.6 22.9 23.21.1 22.4 22.6 23.8 21.1.2 24.2 21.4 22.7 24.2 21.5 21.5 22.1 21.5 22.3 21.8 21.5 22.1 21.5 22.1 21.5 22.1 21.5 22.1 21.5 22.1 21.5 21.5   | Maximum.  oC. 33 33.5 32.8 33.6 34.4 30 33.5 32.7 32.5 33.6 31.4 32 33.6 31.7 32.4 32.3 32 33.1 32.7 30.2 33.1 32.7 30.2 33.6 33.6 32.8  | Minimum.  C. 20. 4 20. 7 21 20. 4 19 22. 4 20. 6 21. 4 20. 7 19. 5 18. 6 19. 5 21 21. 8 21. 4 20. 4 19 21. 8 22. 2 21. 6 21. 7 22. 1 22. 1 | Maximum.  °C. 31.6 31.1 32.1 31.4 31.1 31.2 32.7 33.4 31.9 32.8 33.1 33.3 34.2 32.6 33.4 31.6   | Minimum.  °C. 22.1 20.3 20.4 18.3 18.5 20.9 18 19.5 17.4 18.7 19.9 22.3 17.3 17.2 18.7 21.8 19.5 20.2 19.5 20.2 19.5 20.6 21.6 9   | Maximum.  °C. 32.5 31 30.8 32.2 31 631.5 29 31.7 29.1 30.6 31.1 30.3 30.3 30.3 30.5 29.6 31.5 30.3 30.3 30.3 30.5 29.6  | Minimum.  °C. 22 22. 3 21 20. 6 22. 8 22. 1 3 21. 5 20. 5 21. 8 22. 1 20. 6 21. 3 20. 8 21. 1 3 20. 8 21. 1 3 20. 8 21. 1 3 20. 8 21. 3 21. 3 21. 3 22. 2 33 21. 3 21. 3 21. 3 23. 3  | Maximum.  °C. 30.6 29.8 30.2 30.8 30.2 31.4 31.4 28.3 28.4 30.2 28.6 29.2 29.6 29.2 29.6 29.2 20.2 26.7 29.2 29.2 29.2 29.2 29.2 29.2 29.2 29   | ador.  Minimum  C. 24. 4 23. 2  23. 4 23. 2  24. 4 23. 2  25. 8 22. 4  26. 24. 4  27. 4 23. 4  28. 8 2  29. 4 21. 5  29. 4 21. 5  29. 4 21. 5  29. 4 22. 4  21. 4 22. 4  22. 4 22. 4  22. 4 22. 4  22. 4 22. 4   |

#### SEISMOLOGICAL BULLETIN FOR NOVEMBER, 1918.

By Rev. MIGUEL SADERRA MASÓ, S. J.,

Chief, Seismic and Magnetic Divisions, Weather Bureau.

#### EARTHQUAKES FELT IN THE PHILIPPINES.1

- 1,  $2^h$   $0^m$   $2^{s*}$  [1,  $10^h$   $0^m$   $2^s$ ]. Aparri (NE Luzon). Oscillatory earthquake, direction E-W, intensity III-IV, duration 10 seconds.
- 1, 15<sup>h</sup> 0<sup>m</sup> [1, 23<sup>h</sup> 0<sup>m</sup>]. Batanes Islands. Earthquake of intensity VI. It was chiefly felt in the towns of Ivana and Sabtan, pulling down some walls damaged by the earthquake shocks occurred in September.
- 2, 1<sup>h</sup> 5<sup>m</sup> [2, 9<sup>h</sup> 5<sup>m</sup>]. Butuan (N Mindanao). Oscillatory earthquake of intensity III, duration 8 seconds.
- 3,  $9^h$   $42^m$  [3,  $17^h$   $42^m$ ]. Tigaon (SE Luzon). Earthquake shocks of intensity II–III. Aftershock at  $15^h$   $0^m$  [ $23^h$   $0^m$ ].
- 3,  $18^h$   $16^m$  [4,  $2^h$   $16^m$ ]. Batanes Islands. Earthquake of intensity IV, duration 5 seconds.
- 7,  $14^h$   $55^m$  [7,  $22^h$   $55^m$ ]. Tigaon (SE Luzon). Oscillatory and subsultory shocks of intensity IV, felt in the eastern part of the Isarog region.
- 8, 15<sup>h</sup> 15<sup>m</sup> [8, 23<sup>h</sup> 15<sup>m</sup>]. Tigaon (SE Luzon). Oscillatory earthquake, direction W-E, intensity III, short duration.
- 9, 19<sup>h</sup> 27<sup>m</sup> 46<sup>s\*</sup> [10, 3<sup>h</sup> 27<sup>m</sup> 46<sup>s</sup>]. **SW**. Mindanao. Earthquake of intensity III originated in the Celebes Sea and felt on the coasts of Zamboanga, Lanao and Cotabato. A repetition of minor intensity occurred on the 10th at 6<sup>h</sup> 10<sup>m</sup> [14<sup>h</sup> 10<sup>m</sup>].
- 11, 11<sup>h</sup> 25<sup>m</sup> [11, 19<sup>h</sup> 25<sup>m</sup>]. Tigaon (SE Luzon). Subsultory earthquake of intensity III. It repeated two hours later with the same intensity. Both were preceded by rumbling sounds apparently from the Isarog mountain.
- 18, 18<sup>h</sup> 46<sup>m</sup> 46<sup>s\*</sup> [19, 2<sup>h</sup> 46<sup>m</sup> 46<sup>s</sup>]. Tigaon (SE Luzon). Oscillatory earthquake of intensity II–III and long duration. The origin lay far off in the Pacific. Recorded also at Taihoku, Formosa.
- 20, 1<sup>h</sup> 14<sup>m</sup> 36<sup>s\*</sup> [20, 9<sup>h</sup> 14<sup>m</sup> 36<sup>s</sup>]. Samar Island. Earthquake of intensity III felt chiefly in northern Samar and the SE end of Luzon. Origin in the Pacific Deep, E of San Bernardino Strait.
- 21, 0<sup>h</sup> 35<sup>m</sup> 50<sup>s\*</sup> [21, 8<sup>h</sup> 35<sup>m</sup> 50<sup>s</sup>]. **Samar Island**. Extensive earthquake of intensity V–VI in the northern part of Samar. Origin near to the same place of the preceding shock. It was also perceptible in SE Luzon, Leyte and NE Mindanao, an extension of about 700 kilometers in the NNW–SSE direction.
- 22,  $22^h$   $21^m$   $23^{s*}$  [23,  $6^h$   $21^m$   $23^s$ ]. Butuan (N Mindanao). Oscillatory earthquake of intensity II–III. Distant origin in the Pacific.

¹ The intensity of earthquakes is given in the notation known as the Rossi-Forel scale. The time is that indicated by the seismographs at the Central Observatory whenever the disturbance has been registered by them. This fact is denoted by an asterisk (\*). Otherwise the time is that noted by the observer who sent the report. All time indications are in Greenwich mean time (midnight= $0^h$ ), insular time being added in brackets for the convenience of Philippine readers.

- 23, 1<sup>h</sup> 53<sup>m</sup> 22<sup>s\*</sup> [23, 9<sup>h</sup> 53<sup>m</sup> 22<sup>s</sup>]. Ambos Canarines (SE Luzon). Earthquake of intensity IV-V, felt in the central part of the province circling Mount Isarog. Aftershocks at 1<sup>h</sup> 56<sup>m</sup>, 2<sup>h</sup> 39<sup>m</sup> and 9<sup>h</sup> 18<sup>m</sup>.
- 24, 17<sup>h</sup> 26<sup>m</sup> 44<sup>s\*</sup> [25, 1<sup>h</sup> 26<sup>m</sup> 44<sup>s</sup>]. Dava (SE Mindanao). Oscillatory earthquake of intensity IV and long duration. The origin lay far off in the Pacific.
- 25, 12<sup>h</sup> 8<sup>m</sup> 12<sup>s\*</sup> [25, 20<sup>h</sup> 8<sup>m</sup> 12<sup>s</sup>]. **N Luzon**. Earthquake of intensity IV-V felt through the northernmost provinces of Luzon and chiefly in the NW. It originated in the China Sea, W of Babuyanes Islands.
- 25, 19<sup>h</sup> 30<sup>m</sup> [26, 3<sup>h</sup> 30<sup>m</sup>]. Samar and Leyte. Earthquake of intensity III felt in the southern part of Samar and NE of Leyte.
- 26, 5<sup>h</sup> 48<sup>m</sup> [26, 13<sup>h</sup> 48<sup>m</sup>]. **NW Luzon**. Earthquake of intensity III; origin the same of the one felt on the 25th.
  - 28, 14<sup>h</sup> 25<sup>m</sup> [28, 22<sup>h</sup> 25<sup>m</sup>]. Davao (SE Mindanao). Earthquake of intensity III.
  - 28, 21<sup>h</sup> 30<sup>m</sup> [29, 5<sup>h</sup> 30<sup>m</sup>]. Ormoc (W Leyte). Oscillatory earthquake of intensity III.
- 29, 7<sup>h</sup> 0<sup>m</sup> 29<sup>s\*</sup> [29, 15<sup>h</sup> 0<sup>m</sup> 29<sup>s</sup>]. W Luzon. Oscillatory earthquake felt in the provinces of Pangasinan, La Union and Benguet. Its intensity reached degree IV; origin in the China Sea, close to the coasts of La Union.
  - 30, 11<sup>h</sup> 30<sup>m</sup> [30, 19<sup>h</sup> 30<sup>m</sup>]. Davao (SE Mindanao). oscillatory earthquake, intensity III.

#### RECORDS OF THE MICROSEISMOGRAPH.

[Time: Greenwich mean. Midnight=0h. Instrument: Wiechert seismograph; 1,000 kilograms.  $A_{N:}$   $T_0$ =6.62,  $\epsilon$ =2.726,  $\frac{r}{T_0^2}$ =0.021;  $A_{E:}$   $T_0$ =6.03,  $\epsilon$ =2.378,  $\frac{r}{T_0}$ =0.037. Alluvium. 2.40 meters above sea level.]

|             |       |            | -   |                                 |                            |         | Ampli     | itude.  |                    |
|-------------|-------|------------|---|---------------------------------|----------------------------|---------|-----------|---|--------------------|
| No.         | Date. | Character. | Phase.  | Hour.                           |                            | Period. | $A_N \mu$ | $egin{array}{c} \mathbf{A_E} \ \mu \end{array}$ | Remarks.           |
| 430         | 1     | Ιν         | eP<br>L<br>M <sub>E</sub><br>M <sub>N</sub>           | h. m.<br>2 00<br>00<br>01<br>01 | s.<br>02<br>48<br>05<br>09 | 3 3     | 44        | 42  | Aparri (NE Luzon). |
| 431         | 1     | Iv         | F<br>EP<br>L<br>M <sub>N</sub><br>M <sub>E</sub><br>F | 18 10<br>11<br>11               | 29<br>00<br>17<br>20       | 3 4     | 197       | 207   |                    |
| 432         | 2     | Iv         | eP<br>F   | 3 13<br>38                      | 10                         |         |           |   | S Formosa.         |
| 433         | 2     | Iv         | eP<br>F   | 7 50<br>56                      | 42                         |         |           |   |                    |
| 434         | 2     | I          | eP<br>F   | 10 13<br>36                     | 26                         |         |           |   |                    |
| 435         | 2     | Iv         | eP<br>F   | 20 34<br>45                     | 36                         |         |           |   |                    |
| 436         | 3     | Iu         | · e<br>F  | 11 25<br>12 32                  | 35                         |         |           |   |                    |
| 437         | 3     | Ιv         | eP<br>F   | 12 35<br>42                     |                            |         |           |   |                    |
| 438         | 3     | Ιν         | eP<br>F   | 12 50<br>59                     |                            |         |           |   |                    |
| 439         | 5     | Ιν         | eP<br>F   | 1 49<br>57                      | 57                         |         |           |   |                    |
| 440         | 5     | Ιν         | eP<br>F   | 5 16<br>22                      | 3 <b>2</b>                 |         |           |   |                    |
| 441         | 6     | Ιv         | eP<br>F   | 22 11<br>20                     |                            |         |           |   |                    |
| 442         | 7     | Ιv         | eP<br>F   | 1 43<br>55                      | 28                         |         |           |   |                    |
| <b>44</b> 3 | 7     | Iv         | eP<br>F   | 17 36<br>42                     | 18                         |         |           |   |                    |

#### SEISMOLOGICAL BULLETIN.

 ${\it Records \ of \ the \ microseismograph} \hbox{$--$Continued}.$ 

|     |       |            |  |          |   |  | Ampl                | itude.              |  |
|-----|-------|------------|--|----------|---|--|---------------------|---------------------|--|
| No. | Date. | Character. | Phase.   | Ho       | u <b>r.</b>   | Period.                                      | A <sub>N</sub><br>μ | A <sub>E</sub><br>μ | Remarks.                                       |
| 444 | 7     | Iv         | eP<br>L  | 17       | m. s.<br>44 42<br>44 56   |  |                     |                     |  |
|     |       |            | $egin{array}{c} \mathbf{M_N} \ \mathbf{M_E} \ \mathbf{F} \end{array}$  |          | 45 30<br>45 40<br>02  | 3 3  | 186                 | 190                 |  |
| 445 | 7     | Iv         | eP<br>F  | 20       | 08 · 58<br>13   |  |                     | `                   |  |
| 446 | 8     | Hr         | eP<br>iE<br>iN<br>iE<br>iN<br>iE<br>iE   |          | 45 38<br>47 48<br>48 06<br>48 37<br>48 45<br>49 35<br>49 48<br>50 31<br>50 36<br>52 00                      | 5<br>5<br>5<br>5<br>5<br>6<br>6<br>6         |                     |                     |  |
|     |       |            | $egin{array}{l} \mathrm{iN} \\ \mathrm{iS} \\ \mathrm{iN} \\ \mathrm{iE} \\ \mathrm{iE} \\ \mathrm{iN} \\ L \\ M_{\mathrm{N}1} \\ M_{\mathrm{E}1} \\ M_{\mathrm{N}2} \\ M_{\mathrm{E}2} \end{array}$ | 5        | 49 35<br>49 48<br>50 31<br>50 36<br>55 31<br>54 24<br>49<br>55 08<br>57 58<br>10<br>59 48<br>01 12<br>06 01 | 7<br>7<br>7<br>7<br>7<br>11<br>9<br>13<br>17 | 464                 | 295                 |  |
|     |       |            | M <sub>N3</sub> M <sub>E3</sub> C F  | 7        | 08 11<br>08 31<br>03 24<br>36   | 17<br>17<br>18                               | 230                 | 259                 |  |
| 447 | 9     | Iv         | eP<br>L<br>F   | 1 :      | 27 46<br>30 00<br>57  |  |                     |                     | SW Mindanao.                                   |
| 448 | 9     | Iv         | eP<br>L<br>F   | 20<br>21 | 43 00<br>44 12<br>02  |  |                     |                     |  |
| 449 | 10    | Ir         | $\overset{\mathbf{e}}{\mathbf{F}}$   | 16<br>17 | 54<br>18  |  |                     |                     | N Formosa.                                     |
| 450 | . 11  | Ir         | e<br>F   | 4        | 34 48<br>45   |  |                     |                     | N Formosa.                                     |
| 451 | 11    | Ir         | e<br>S<br>L<br>M <sub>E</sub><br>M <sub>N</sub><br>F   | 7        | 09 14<br>13 12<br>14 57<br>16 06<br>16 21   | 9 8  | 29                  | 34                  |  |
| 452 | 11    | Ir         | $\begin{matrix} \mathbf{e} \\ \mathbf{L} \\ \mathbf{M_N} \\ \mathbf{F} \end{matrix}$   | 13       | 24 37<br>27 40<br>28 00<br>37   | 7  | 44                  |                     |  |
| 453 | . 11  | Iv         | $\begin{array}{c} {\rm eP} \\ {\rm L} \\ {\rm M_E} \\ {\rm M_N} \\ {\rm F} \end{array}$  | 21       | 31 37<br>31 55<br>31 57<br>31 58<br>36  | 2 2  | 84                  | 144                 | •  |
| 454 | 12    | Iv         | eP<br>F  | 22       | 04 38<br>12   |  |                     |                     |  |
| 455 | 18    | Iv         | $\begin{array}{c} {\rm eP} \\ {\rm L} \\ {\rm M_N} \\ {\rm M_E} \\ {\rm F} \end{array}$  |          | 29 39<br>30 14<br>30 34<br>30 39<br>39  | 3 3  | 113                 | 123                 |  |
| 456 | 18    | IIIr       | iP<br>iS   | 18       | 46 46<br>51 32  |  |                     |                     | Maxima and end lost by the force of the shock. |
| 457 | 19    | Ir         | e<br>F   | 5        | 28 22<br>44   |  |                     |                     |  |
| 458 | 19    | Iv         | eP<br>L<br>M <sub>E</sub>  | 8        | 32 22<br>32 38<br>32 40<br>35   | 2  |                     | 95                  |  |
| 459 | 20    | Iv         | F<br>eP<br>F   | 1        |   |  |                     |                     | Samar Island.                                  |

163567**——2** 

#### BULLETIN FOR NOVEMBER, 1918.

#### ${\it Records} \ of \ the \ microse is mograph \hbox{--} Continued.$

|             |       |            |  |          |  |  |                                      | Ampl                         | itude.  |  |
|-------------|-------|------------|--|----------|--|--|--------------------------------------|------------------------------|---|--|
| No.         | Date. | Character. | Phase.   | Но       | ur.  |  | Period.                              | A <sub>N</sub><br>μ          | $egin{array}{c} \mathbf{A_E} \ \mu \end{array}$ | Remarks.                               |
| 460         | 21    | IIv        | $\begin{array}{c} \mathrm{eP} \\ \mathrm{L} \\ \mathrm{M_E} \\ \mathrm{M_N} \\ \mathrm{F} \end{array}$ |          | 35<br>36<br>37<br>37                               | s.<br>50<br>42<br>06<br>12                                     | 5<br>5                               | 330                          | 233   | Samar, Leyte and NE Mindanao.          |
| 461         | 21    | Ιν         | eР   | 3        | 33   | 02   |                                      |                              |   |  |
| 462         | 21    | I⋆         | F<br>eP  | 3        |  | 33   |                                      |                              |   |  |
| 463         | 22    | Ir         | F<br>e   |          | 49<br>56   | 20   |                                      |                              |   |  |
|             |       |            | e<br>F   | 16       | 42   | 23   |                                      |                              |   | D. (N.W. Israe)                        |
| 464         | 22    | I          | e<br>L<br>F  |          |  | 00   |                                      |                              |   | Butuan (N Mindanao).                   |
| 465         | 23    | I          | e<br>F   | 0        | 38<br>14   |  |                                      |                              |   |  |
| 466         | 23    | Iv         | $^{\rm eP}_{\rm L}\\ {\rm M_E}\\ {\rm F}$  | 1        | 53   | 22<br>53<br>03   | 2                                    |                              | 73  | Ambos Camarines (SE Luzon).            |
| 467         | 23    | Шт         | iE iE iN iS iN iS ME1 MN1 MN2 ME2  |          | 03<br>04<br>05<br>05<br>06<br>06<br>06<br>07<br>08 | 46<br>20<br>48<br>47<br>04<br>54<br>57<br>58<br>43<br>44<br>09 | 6<br>6<br>7<br>7<br>7<br>7<br>8<br>8 | 423<br>430<br>1,107<br>1,129 | 233<br>541<br>1, 185                            | ·                                      |
|             | 24    | _          | C<br>F   | 1        | 44   |  |                                      |                              |   |  |
| 468         | 24    | Iv         | eP<br>F  |          | 34<br>36   | 17   |                                      |                              |   |  |
| <b>46</b> 9 | 24    | Ir         | eP<br>L<br>F   | 17<br>18 | 26<br>28<br>07                                     | <b>44</b><br><b>5</b> 0  |                                      |                              |   | Davao (SE Mindanao).                   |
| 470         | 25    | Iv         | $\begin{array}{c} eP\\ L\\ M_E\\ M_N\\ F\end{array}$   | 12       | 08<br>08<br>09                                     | 12<br>58<br>38<br>46   | 3 3                                  | 117                          | 102   | N Luzon.                               |
| 471         | 28    | Ir         | eP<br>M <sub>N</sub>   | 5        | 32<br>41   |  |                                      |                              |   | End overtaken by following earthquake. |
| 472         | 28    | Iv         | eP<br>L<br>M <sub>E</sub><br>M <sub>N</sub>  |          | 54<br>54<br>54<br>54                               | 07<br>28<br>34   | 2 2                                  | 150                          | 138   |  |
| <b>47</b> 3 | 29    | Ιν         | eP<br>L<br>M <sub>N</sub>  | ì        | 00<br>00<br>01<br>01                               | 48<br>35   |                                      |                              |   | W Luzon.                               |
| <b>4</b> 74 | 29    | Ir         | F<br>E<br>L<br>M <sub>E</sub><br>F   | 10<br>11 | 10<br>56<br>07<br>08<br>33                         | 18<br>52   | 14                                   |                              | 7   |  |
| <b>4</b> 75 | 30    | I          | e<br>F   | 1        | 40<br>59   |  |                                      |                              |   |  |
| 476         | 30    | Ir         | e<br>F   | 7        | 13<br>53   |  |                                      |                              |   | -                                      |
| 477         | 30    | Iv         | eP<br>L<br>M <sub>N</sub><br>M <sub>E</sub><br>F   | 9        | 19<br>20<br>20<br>20<br>25                         | 0 <b>5</b><br>0 <b>7</b>                                       |                                      |                              | . 55  |  |

#### TEMBLORES DE TIERRA SENTIDOS EN FILIPINAS.1

- 1, 2<sup>h</sup> 0<sup>m</sup> 2<sup>s\*</sup> [1, 10<sup>h</sup> 0<sup>m</sup> 2<sup>s</sup>]. Aparri (NE de Luzón). Temblor oscilatorio, dirección E-W, intensidad III-IV, duración 10 segundos.
- 1, 15<sup>h</sup> 0<sup>m</sup> [1, 23<sup>h</sup> 0<sup>m</sup>]. Islas Batanes. Temblor de tierra de intensidad VI. Sintióse principalmente en los pueblos de Ivana y Sabtan, derribando algunas paredes ya ruinosas por los terremotos de septiembre.
- 2, 1<sup>h</sup> 5<sup>m</sup> [2, 9<sup>h</sup> 5<sup>m</sup>]. Butúan (N de Mindanao). Temblor oscilatorio de intensidad III, duración 8 segundos.
- 3,  $9^h$   $42^m$  [3,  $17^h$   $42^m$ ]. Tigaon (SE de Luzón). Temblor de tierra de intensidad II—III. Repitió a  $15^h$   $0^m$  [ $23^h$   $0^m$ ].
- 3, 18<sup>h</sup> 16<sup>m</sup> [4, 2<sup>h</sup> 16<sup>m</sup>]. Islas Batanes. Temblor de tierra de intensidad IV, duración 5 segundos.
- 7, 14<sup>h</sup> 55<sup>m</sup> [7, 22<sup>h</sup> 55<sup>m</sup>]. Tigaon (SE de Luzón). Temblor oscilatorio y susultorio de intensidad IV sentido en toda la región oriental del Isarog.
- 8,  $15^h$   $15^m$  [8,  $23^h$   $15^m$ ]. Tigaon (SE de Luzón). Temblor oscilatorio, dirección W-E, intensidad III, duración corta.
- 9, 19<sup>h</sup> 27<sup>m</sup> 46<sup>s\*</sup> [10, 3<sup>h</sup> 27<sup>m</sup> 46<sup>s</sup>]. **SW** de Mindanao. Temblor de tierra de intensidad III, originado en el Mar de Célebes y sentido en las costas de Zamboanga, Lanao y Cotabato. Repitió con menos intensidad a 6<sup>h</sup> 10<sup>m</sup> [14<sup>h</sup> 10<sup>m</sup>] del 10.
- 11, 11<sup>h</sup> 25<sup>m</sup> [11, 19<sup>h</sup> 25<sup>m</sup>]. Tigaon (SE de Luzón). Temblor de tierra susultorio, intensidad II-III. Repitió dos horas más tarde con la misma intensidad; ambos fueron precedidos de ruido subterráneo procedente al parecer del Isarog.
- 18, 18<sup>h</sup> 46<sup>m</sup> 46<sup>s\*</sup> [19, 2<sup>h</sup> 46<sup>m</sup> 46<sup>s</sup>]. **Tigaon** (SE de Luzón). Temblor de tierra de intensidad II–III, larga duración. Su origen se hallaba algo lejos hacia el NE en el Pacífico. Registrado en Taihoku, Formosa.
- 20, 1<sup>h</sup> 14<sup>m</sup> 36<sup>s\*</sup> [20, 9<sup>h</sup> 14<sup>m</sup> 36<sup>s</sup>]. Isla de Sámar. Temblor de tierra de intensidad III sentido en la parte SE de Luzón y en la Isla de Sámar. El origen estaba en el Pacífico al E del Estrecho de San Bernardino.
- 21, 0<sup>h</sup> 35<sup>m</sup> 50<sup>s\*</sup> [21, 8<sup>h</sup> 35<sup>m</sup> 50<sup>s</sup>]. Isla de Sámar. Temblor de tierra de intensidad V-VI en la parte NE de Sámar. Originado en el Pacífico, probablemente en la misma región que el precedente. Tuvo grande extensión siendo perceptible en el SE de Luzón, en las Islas de Sámar y Leyte y en la parte NE de Mindanao, una extensión de más de 700 kilómetros en la dirección NNW-SSE.
- 22, 22<sup>h</sup> 21<sup>m</sup> 23<sup>s\*</sup> [23, 6<sup>h</sup> 21<sup>m</sup> 23<sup>s</sup>]. Butúan (N de Mindanao). Temblor oscilatorio de intensidad II–III. El origen se hallaba muy distante en el Pacífico.
- 23, 1<sup>h</sup> 53<sup>m</sup> 22<sup>s\*</sup> [23, 9<sup>h</sup> 53<sup>m</sup> 22<sup>s</sup>]. Ambos Camarines (SE de Luzón). Temblor de tierra de intensidad IV-V sentido en toda la región que rodea el Isarog. Repitió con menos intensidad a 1<sup>h</sup> 56<sup>m</sup> 2<sup>h</sup> 39<sup>m</sup> y 9<sup>h</sup> 18<sup>m</sup>.
- 24, 17<sup>h</sup> 26<sup>m</sup> 44<sup>s\*</sup> [25, 1<sup>h</sup> 26<sup>m</sup> 44<sup>s</sup>]. **Dávao** (SE de Mindanao). Temblor oscilatorio de intensidad IV, larga duración. Su origen se hallaba muy lejos en el Mar Pacífico.
- 25, 12<sup>h</sup> 8<sup>m</sup> 12<sup>s\*</sup> [25, 20<sup>h</sup> 8<sup>m</sup> 12<sup>s</sup>]. **N** de **Luzón**. Temblor de tierra de intensidad IV-V sentido en todas las provincias más septentrionales de Luzón, pero principalmente al NW. El origen se hallaba en el Mar de la China al W de las Islas Babuyanes.

¹ La intensidad de los terremotos se indica conforme a la conocida escala de Rossi-Forel. Cuanto a la hora de su ocurrencia, adoptamos la indicada por los sismógrafos de este Observatorio siempre que los hayan registrado, distinguiéndola por medio de un asterisco (\*). En caso contrario copiamos la apuntada por los observadores que nos envían las notas. Todas las indicaciones del tiempo se refieren al tiempo medio de Greenwich (medianoche=0<sup>h</sup>). Para conveniencia de los lectores de Filipinas se añade también el tiempo insular.

- 25, 19<sup>h</sup> 30<sup>m</sup> [26, 3<sup>h</sup> 30<sup>m</sup>]. **Sámar y Leyte.** Temblor de tierra de intensidad III sentido en la parte sur de Sámar y NE de Leyte.
- $26, 5^{\rm h} 48^{\rm m}$  [26,  $13^{\rm h} 48^{\rm m}$ ]. NW de Luzón. Temblor de tierra de intensidad III, originado en el mismo centro que el del día 25.
- 28,  $14^h$   $25^m$  [28,  $22^h$   $25^m$ ]. Dávao (SE de Mindanao). Temblor de tierra de intensidad III.
  - 28, 21<sup>h</sup> 30<sup>m</sup> [29, 5<sup>h</sup> 30<sup>m</sup>]. Ormoc (W de Leyte). Temblor oscilatorio de intensidad III.
- 29, 7<sup>h</sup> 0<sup>m</sup> 29<sup>s\*</sup> [29, 15<sup>h</sup> 0<sup>m</sup> 29<sup>s</sup>]. **W** de Luzón. Temblor oscilatorio sentido en las provincias occidentales de Pangasinán, La Unión y Benguet. Tuvo intensidad III–IV y se originó en el Mar de la China cerca de las costas de La Unión.
- $30, 11^h 30^m [30, 19^h 30^m]$ . Dávao (SE de Mindanao). Temblor oscilatorio, intensidad III.

FFALURA

FEL 72 191

THE GOVERNMENT OF THE PHILIPPINE ISLANDS

# WEATHER BUREAU

MANILA CENTRAL OBSERVATORY

BULLETIN FOR DECEMBER, 1918.

PREPARED UNDER THE DIRECTION OF REV. JOSÉ ALGUÉ, S. J. DIRECTOR OF THE WEATHER BUREAU

MANILA BUREAU OF PRINTING 1918

551,5914

|  |  | 기에 12 등 12 기계 (1 시 시 시 시 시 시 시 시 시 시 시 시 시 시 시 시 시 시 |
|--|--|--|

#### METEOROLOGICAL BULLETIN FOR DECEMBER, 1918.

By Rev. José Coronas, S. J.,
Chief, Meteorological Division of the Weather Bureau.

#### GENERAL WEATHER NOTES.

Pressure and temperature.—The mean atmospheric pressure for this month is moderately above that of the preceding year, and slightly above the normal for December. The highest pressures were generally observed either on the 6th to 8th or on the 19th. The lowest pressures were recorded on the 25th and 26th when a typhoon was crossing the central part of the Philippines.

The mean monthly temperature is, with a few exceptions, very slightly below the December's normal in our stations throughout the Archipelago. The extreme temperatures of the month for Manila were 32.3° C. on the 5th and 10th, and 17.2° C. on the 24th. The absolute maximum and minimum temperatures for Baguio were 25.9° C., 12.1° C. on the top of Mirador, and 26.6° C., 9.5° C. in the valley.

PRESSURE AND TEMPERATURE AT THE FIRST AND SECOND CLASS STATIONS FOR DECEMBER, 1918.

|  |  |   | I  | ressure  |  |  |  |  | -   | Τe   | mperati                                | ıre.  |   |   |
|--|--|---|--|--|--|--|--|--|---|--|--|---|---|---|
| Station.   | Mean.  | Departure from Dec., 1917.  | Depar-<br>ture<br>from<br>normal.                  | High-<br>est<br>mean.  | Day.   | Lowest<br>mean.  | Day.   | Mean.  | Departure<br>from<br>Dec.,<br>1917.   | Departure from normal.   | High-<br>est.                          | Day.  | Low-<br>est.                            | Day.  |
| Zamboanga Tagbilaran Surigao Cebu Iloilo Taclobana Capiz Calbayog Legaspi Atimonan Ambulong, Tanauan Paracale Manila San Isidro Dagupan Baguio c Vigan Tuguegarao Laoag Aparri | 59. 21<br>59. 48<br>59. 48<br>59. 42<br>59. 79<br>59. 72<br>59. 94<br>60. 89<br>59. 95<br>60. 72<br>61. 47<br>60. 08<br>637. 89<br>760. 22<br>61. 33<br>60. 56 | mm. +1.64 +1.93 +1.88 +2.05 +2.11 +1.94 +1.82 +2.21 +1.94 +2.21 +1.94 +2.13 +2.10 +2.58 +2.01 +1.78 +1.44 +1.73 +1.12 | mm.  +0.69 +.66 +.78 +.87 +.36 +.52 +.74 +.48 +.88 | mm. 760. 03 60. 65 60. 61 61. 08 61. 08 61. 08 61. 33 61. 84 62. 48 62. 18 62. 58 62. 18 62. 98 61. 51 63. 92 761. 75 63. 46 62. 17 63. 76 | 19<br>19<br>31<br>19<br>19<br>19<br>19<br>6,7<br>6,8<br>6<br>6,8<br>6<br>19<br>6<br>6<br>19<br>6 | mm. 757. 82 56. 32 56. 16 55. 73 55. 40 54 53. 22 51. 35 45. 88 55. 98 55. 91 56. 48 635. 25 56. 40 59. 31 56. 59 59. 62 | 13<br>25<br>25<br>25<br>25<br>25<br>25<br>25<br>25<br>25<br>25<br>26<br>26<br>26<br>26<br>26<br>26 | °C. 25.8 25.7 26.6 25.6 25.6 25.6 26.1 25 26.2 26.2 25.4 26.2 24.5 27 26.2 24.1 25.7 26.2 24.1 | °C.<br>0<br>-0.1<br>1<br>4<br>6<br>6<br>3<br>4<br>+.8<br>+.2<br>3<br>+.8<br>+.1<br>4.1<br>1 | -0.7<br>-2 + 1<br>5<br>4<br>3<br>3<br>3<br>6<br>-1.1<br>3<br>+ .3<br>0<br>+ .2 | °C. 33.3 31.7 31.6 30.8 32.6 31.3 32.1 | 1<br>1<br>26<br>15<br>27<br>10<br>14<br>27<br>24<br>19<br>5,10<br>29<br>5<br>5<br>5<br>5<br>3<br>17<br>26<br>11 | °C. 20 19.7 21.4 21 20.6 20.7 21.2 19.7 | 27<br>31<br>28<br>27<br>29<br>28<br>8, 31<br> |

a 29 days of observation. b 28 days of observation. c The barometric readings of this station are not reduced to sea level.

Rainfall.—Owing to the typhoon which on Christmas day crossed the northern Visayas near Romblon, the monthly amount of rainfall for the Visayas is generally above that of the preceding year, although if compared with the normal of December, only one half of the Visayan stations reported a monthly total higher than it. As to Luzon and Mindanao, almost all the stations show a lack of rain with a monthly total below that of December, 1917, and below the normal of this month. In Manila only 29.1 mm. were collected in the rain-gauges, an amount lower than the normal by 32.9 mm. Baguio reported only 0.5 mm. of monthly rainfall, while the normal of December for that place is 54.4 mm.

RAINFALL AT VARIOUS STATIONS OF THE WEATHER BUREAU DURING THE MONTH OF DECEMBER, 1918,

| Station.   | Total.   | Departure from<br>Dec., 1917. | Departure from normal.  | Days of rain.   | Departure from Dec., 1917.  | Greatest rainfall<br>in a single day.  | Day.   | Station.   | Total.   | Departure from<br>Dec., 1917.  | Departure from<br>normal.                                | Days of rain.  | Departure from<br>Dec., 1917. | Greatestrainfall<br>in a single day.   | Бау.   |
|--|--|-------------------------------|---|---|---|--|--|--|--|--|--|--|-------------------------------|--|--|
| Jolo Basilan Zamboanga Davao Cotabato Camp Keithley, Lanao Cagayan, Misamis Butuan Mambajao Dumaguete Yap, Western Carolines Tagbilaran Iwahig Surigao Maasin Cebu Iloilo San Jose Buenavista Cuyo Ormoc Guiuan Tacloban Capiz Borongan Capiz Borongan Cathalogan Calbayog Masbate Romblon Batag Legaspi | 33.2<br>90.7<br>64<br>168.6<br>122.1<br>405.3<br>384.6<br>150.9<br>1150.9<br>141.2<br>687.1<br>602.7<br>194.2<br>260.1<br>194.2<br>260.1<br>169.3<br>209.8<br>357.8<br>443.2<br>281.4<br>371.2 |                               | - 56. 2<br>+104. 2<br>- 35. 8<br>+156. 2<br>+283. 7<br>+ 46. 7<br>+ 33<br>- 29. 3<br>- 16. 1<br>- 4. 9<br>- 90. 6<br>- 79. 7<br>- 284. 2<br>- 284. 2<br>+ 79<br>+ 222. 5<br>+ 51. 5 | 10<br>10<br>7<br>6<br>22<br>11<br>25<br>17<br>13<br>10<br>16<br>12<br>27<br>6<br>18<br>22<br>21<br>14<br>24<br>18<br>20<br>18<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19<br>19 | $\begin{array}{c c} -77 \\ -75 \\ -10 \\ -15 \\ -10 \\ -15$ | mm. 86. 6 29. 4 48 27. 9 31 50. 8 110. 5 91. 7 136. 8 224. 7 42. 6 31. 4 312. 3 35. 3 92. 5 32. 8 81. 5 36 71. 8 328. 4 236. 3 123. 2 172. 1 | 19<br>19<br>6, 13<br>20<br>15<br>26<br>16<br>3<br>5<br>5 | Sumay, Guam Calapan Virac Naga Tigaon Batangas Lucena Atimonan Ambulong, Tanauan Canlubang, Calamba Paracale Santa Cruz, Laguna Manila Antipolo Iba San Isidro Tarlac Baler Dagupan Bolinao Baguio San Fernando, Union Echagüe Candon Vigan Tuguegarao Laoag Aparri Cape Bojeador Santo Domingo, Batanes | 65. 4<br>161. 3<br>224. 5<br>93. 5<br>93. 5<br>275. 5<br>82. 7<br>29. 1<br>62. 8<br>0<br>2. 7<br>1. 3<br>300. 5<br>6. 1<br>0<br>53. 1<br>0<br>44. 8<br>0<br>42<br>6. 1 | - 32, 3<br>- 5, 1<br>+ 89<br>- 147, 9<br>- 147, 9<br>- 257, 1<br>+ 46, 6<br>- 42, 4<br>- 97, 5<br>- 46, 6<br>- 162, 4<br>- 11, 3<br>- 209, 5<br>- 4, 6<br>- 12, 4<br>- 12, 4<br>- 12, 4<br>- 12, 4<br>- 12, 4<br>- 12, 4 | - 31. 4<br>- 16. 4<br>- 18. 1<br>- 45. 7<br>- 163. 8<br> | 16<br>22<br>17<br>4<br>18<br>23<br>4<br>7<br>22<br>14<br>8<br>6<br>0<br>4<br>2 | - 8<br>- 4<br>- 6             | mm. 14 102 148.8 161.8 162.6 50.8 108.8 79.9 69.9 51.1 134.8 42.2 17.7 41.4 0 1 121.6 6.1 0 23.4 0 0 25.2 0 22.2 6.1 | 21<br>25<br>25<br>25<br>25<br>25<br>25<br>25<br>25<br>25<br>25<br>26<br>26<br>30<br>0<br>30<br>0<br>28<br>0<br>29<br>0<br>26<br>28<br>27 |

#### DEPRESSIONS AND TYPHOONS.

During this month there was only one depression in higher latitudes which developed into a typhoon near the southern coast of Japan on the 11th, and one typhoon in the central part of the Philippines. (See the tracks of both in Plate IX.)

The typhoon of the Philippines is called the *Quantico* typhoon as it caused the total wreck of a large steamer bearing this name on the northern coast of Tablas Island, and also the Christmas typhoon of 1918 because it came to strike the Philippines on Christmas day of 1918. For full details and information on this typhoon we refer our readers to a pamphlet just published as an extraordinary publication of this Bureau. We will only say here that the typhoon followed a very unusual and abnormal track. It formed over the Western Carolines to the southeast of Yap on the 17th to 18th of December moving first W by N until the 22nd, when it inclined northward; then suddenly on the 24th, instead of continuing recurving northeastward, as it was to be expected, it recurved back to W and WSW toward the southernmost part of Luzon.

The cyclonic center traversed the Province of Sorsogon at about noon of Christmas day, it passed very close to Romblon at about 9 p. m. of the same day, and entered the China Sea in the morning of the 26th. The observations made in Indochina on the 29th and 30th show clearly the passing of the typhoon some 150 miles south of Saigon. Hence it follows that the typhoon continued moving WSW while traversing the China Sea from the 26th to the 30th of December.

#### NOTAS GENERALES DEL TIEMPO.

Presión y temperatura.—La presión atmosférica media de este mes es moderadamente mayor que la del año pasado y ligeramente mayor también que la normal de diciembre. Las presiones más altas se observaron generalmente del 6 al 8 o bien el día 19. Las presiones más bajas se registraron los días 25 y 26 cuando un tifón atravesaba la parte central de Filipinas.

La temperatura media mensual es con pocas excepciones, muy ligeramente menor que la normal de diciembre. Las temperaturas extremas del mes en Manila fueron 32.3° C. observada los días 5 y 10, y 17.2° C. registrada el día 24. Las temperaturas máxima y mínima absolutas de Baguio fueron 25.9° C., 12.1° C. en la cumbre del Mirador, y 26.6° C., 9.5° C. en el valle.

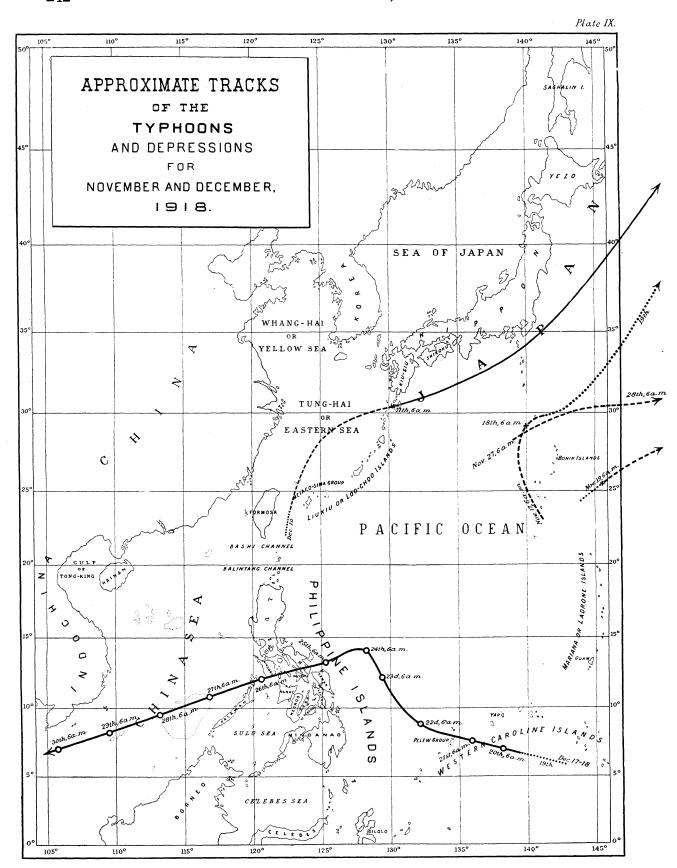
Precipitación acuosa.—Debido al tifón que el día de Navidad atravesó las Visayas septentrionales cerca de Romblón, la cantidad de lluvia mensual para Visayas es generalmente mayor que la del año pasado; aunque comparada con la normal de diciembre, solo una mitad de las estaciones de Visayas da para este mes una cantidad superior a la misma. Cuanto a Luzón y Mindanao, casi todas las estaciones experimentaron escasez de lluvia con un total mensual menor que la de diciembre de 1917, y menor que la normal de este mes. En Manila no recogieron los pluviómetros más que 29.1 mm. de agua, cantidad que difiere de la normal en —32.9 mm. Baguio sólo registró 0.5 mm. de lluvia durante el mes, siendo así que la normal de diciembre para dicha estación es 54.4 mm.

#### DEPRESIONES Y TIFONES.

Durante el mes hubo una sola depresión en altas latitudes, que se desarrolló en un verdadero tifón cerca de la costa meridional de Japón el día 11, y un tifón en la parte central de Filipinas. (Véanse las trayectorias de ambos en la Lámina IX.)

El tifón de Filipinas es conocido por el tifón del *Quantico* por haber causado el total naufragio de un gran barco de este nombre junto a la costa septentrional de la Isla de Tablas. También se le distingue con el nombre de "El baguio de Navidad de 1918" por haber cruzado las Filipinas el 25 de diciembre de dicho año. Para mayores detalles y más completa información sobre este tifón remitimos a nuestros lectores a un folleto recientemente dado a luz como extraordinaria publicación de esta Oficina. Aquí diremos solamente que el tifón siguió una trayectoria muy extraordinaria y anormal. Se formó en las Carolinas Occidentales al SE de Yap del 17 al 18 de diciembre, moviéndose primero al W<sup>1</sup>/<sub>4</sub>NW hasta el día 22, en que se inclinó hacia el N; luego súbitamente el día 24, en vez de continuar recurvando al NE, como era de esperar, retrocedió recurvando al W y WSW en dirección al extremo meridional de Luzón.

El centro ciclónico atravesó la Provincia de Sorsogón hacia el mediodía de Navidad; pasó muy cerca de Romblón hacia las 9 p. m. del mismo día, y penetró en el Mar de China la mañana del 26. Las observacions hechas en Indochina los días 29 y 30 demuestran claramente el paso del tifón a unas 150 millas por el S de Saigón. De donde se sigue que el tifón continuó moviéndose al WSW mientras atravesaba el Mar de China del 26 al 30 de diciembre.



#### METEOROLOGICAL DATA FOR MANILA CENTRAL OBSERVATORY.

[ $\phi$ =14° 34′ 41" N;  $\lambda$ =120° 58′ 33" E; barometer above sea, 14.2 meters; gravity correction not applied, -1.72 mm.]

|                |  | Air te  | empera   | ture. b   |   | Under   | groui   | nd temp   | erature  | •   |   | Ī   | Rad  | liation.                                   | Evapo   | ration.   |
|----------------|--|---|--|---|---|---|---|---|--|---|---|---|--|--|---|---|
| Day.           | Pressure (mean).   | Mean.   | Maxi-<br>mum.  | Mini-   |   | eter.   | 0. 50 r   | neter.  | 1.50<br>meters.  | 2.50<br>meters.   | Rela-<br>tive<br>humid-<br>ity<br>(mean).   | Vapor<br>pres-<br>sure<br>(mean).   | mum  | Maxi-<br>mum in<br>sun.<br>Black           | posure  | Shelter<br>(total)  |
|                |  |   |  |   | 8 a.m.  | 2 p.m. 8  | a. m.   | 2 p. m.   | 8 a. m.  | 8 a. m.   | (mean).   |   | grass.   |  | (to-<br>tal).   |   |
| 1              | 60, 78<br>60, 66<br>60, 77<br>61, 11<br>62, 18<br>62, 12<br>62, 18<br>61, 12<br>60, 30<br>60, 30<br>60, 23<br>60, 18<br>60, 18<br>61, 69<br>60, 99<br>60, 38<br>60, 99<br>60, 38<br>60, 99<br>60, 38<br>60, 99<br>60, 38<br>60, 38<br>60, 99<br>60, 38<br>60, 38<br>60, 99<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38<br>60, 38 | °C. 124.6 24.9 23.8 24.9 23.7 24.4 24.7 23.8 24.8 25.2 24.8 24.5 24.3 25.17 23.6 23.2 25.5 1 25.5 1   | °C. 31.1 30.5 31.6 30.6 32.3 30.8 30.8 31.2 30.4 32.3 30.5 31.3 29.7 31.9 30.4 32.1 30.5 32.2 31.3 29.6 32.1 30.5 32.3 30.3 30.3 | °C. 18, 5 19, 7 20, 11, 8, 6 20, 7 19 18, 7 19, 7 19, 6 21, 8, 5 19, 5 20, 5 19, 5 20, 5 19, 5 20, 5 19, 11, 12, 12, 12, 12, 12, 12, 12, 12, 12 | 26. 8<br>26. 3<br>26. 4<br>26. 1<br>25. 8<br>25. 9<br>25. 8<br>26. 1<br>25. 5<br>26. 2<br>26. 1<br>25. 6<br>26. 2<br>26. 1<br>25. 6<br>26. 2<br>25. 8<br>26. 4<br>25. 8<br>26. 4<br>25. 7<br>26. 1<br>26. 7 | 27. 4<br>27. 7<br>27. 5<br>27. 7<br>27. 8<br>26. 5<br>28. 2<br>28. 2<br>27. 4<br>27. 4<br>26. 8<br>26. 8<br>27. 4<br>27. 1<br>27. 4<br>26. 8<br>27. 7 | °C. 27.8 27.8 27.8 27.8 27.8 27.8 27.8 27.  | °C.<br>28.1<br>28.2<br>27.9<br>28.2<br>27.6<br>27.6<br>27.6<br>27.6<br>27.6<br>27.4<br>27.4<br>27.4<br>27.4<br>27.5<br>27.6<br>27.6<br>27.7<br>27.1<br>27.2<br>27.6<br>27.6<br>27.7<br>27.1<br>27.2<br>27.3<br>27.5<br>27.1<br>27.5<br>27.5<br>27.6 | C. 28. 6<br>28. 6<br>28. 5<br>28. 5<br>28. 5<br>28. 5<br>28. 4<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 3<br>28. 1<br>28. 1<br>28. 1<br>28. 1<br>28. 1<br>28. 1<br>28. 1<br>28. 2<br>28. 2<br>28. 2<br>28. 3 | °C. 28. 2 28. 2 28. 2 28. 2 28. 2 28. 2 28. 2 28. 2 28. 2 28. 1 28. 2 28. 1 28. 2 27. 9 28. 1 28. 1 27. 9 27. 9 27. 9 27. 9 | Per ct. 79 80, 8 79, 6 79, 4 77.5 79, 2 77.9, 7 79, 1 82, 5 84, 8 84, 8 84, 1 78, 1 78, 7 80, 6 81, 9 84, 1 88, 1 | mm. 17. 3 18. 5 18. 3 17. 1 17. 8 17. 3 16. 8 17. 1 17. 9 18. 1 18. 3 19. 2 19. 8 19. 6 18. 4 17. 4 17. 7 18. 7 18. 7 18. 1 17. 6 15. 4 16. 9 20. 1 19. 9 19. 5 | °C. 16.3 17.3 119.4 19.6 2 18.7 16.6 16.6 16.9 18.1 17.2 16.1 17.2 17.3 15.4 17.2 17.3 18.2 2.6 19.2 2 121 | °C.  | mm. 3.9 3.1 3.2 4.3 3.4 3.3 3.4 4.4 3.9 2.5 4.1 4.1 4.3 3.4 4.7 0.8 1.8 2.5 7 | mm. 2.5 2.2 2.2 2.2 2.2 2.2 2.2 2.6 2.2 2.6 2.2 2.6 2.9 2.1 2.9 3.4 3.6 3.1 6.2 3.1 6.2 |
| Mean<br>Total  | 760.72   | 24.5  | 30. 7  | 19.8  |   |   | 27.3  | 27.6  | 28.2   | 28.1  | 81  | 18.3  | 17.7   |  | 3.3   | 2.4   |
| Departure from | 1  | -0.6  | +0.7   | -1.4  |   |   |   |   |  |   | -0.4  | -0.9  |  |  |   |   |
| .              | <u> </u>   | · ·   | Wind.  |   |   | <del>T</del>  |   | Cloud   | ls.  |   |   |   | 24 ho  |  |   |   |
| Day.           | Prevailing<br>direction.   |   | tal<br>ve-<br>nt.  | our-<br>ly<br>loc-  | irection<br>the tim<br>of the<br>aximum<br>velocity.  | e (ura  | -   | Form an   |  | ower.   | Sun-<br>shine.  | On the  | e In   | the M                                      | iscellan  | eous.   |
| 23             | NE quad. NE NE quad. E NE quad. NE quad. NE quad. NE quad. NE quad. NE quad. NE, ESE NE, ENE NE quad. NE, ESE NE, ENE NE quad. NE, ESE NE quad. E quad. NE, NE SY NE quad. NE, NE WSW, SW NE quad. NE, NE Variable E quad. E quad. E quad. E quad.   | 15<br>16<br>16<br>12<br>12<br>11<br>11<br>16<br>16<br>13<br>13<br>13<br>11<br>11<br>11<br>11<br>11<br>11<br>11<br>12<br>22<br>27<br>8<br>9<br>9<br>9<br>9 | 11   | 5.5<br>3.5<br>5.5<br>8.5<br>8.5<br>8.5<br>8.5<br>8.6<br>8.6<br>8.6<br>8.6<br>8.6<br>8.6<br>8.6<br>8.6<br>8.6<br>8.6                             | WSW WE SE E WW WSE WSW WSW WSW WSW WSW W  | 0-10.<br>3.88<br>6.36<br>6.36<br>6.51<br>5.46<br>5.57<br>3.57<br>3.57<br>3.57<br>3.57<br>3.57<br>3.57<br>3.57   | Ci. Ci. Ci. Si. Ci. Si. Ci. Si. Ci. Si. Ci. Si. Ci. Si. Ci. Si. Ci. Si. Si. Si. Si. Si. Si. Si. Si. Si. S | SE SE SE SE SE SE SE SE SE SE SE SE SE S  | Cu. Cu. Cu. SCu Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. C  | HEEBEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE  | h. m. 8 200 5 55 55 44 455 6 30 6 15 7 15 6 30 4 4 45 6 30 6 15 7 15 6 30 6 4 20 0 35 8 10 0 00 0 35 8 10 5 170 45 5 170 45 170 45  | 0.  | 33 1   | 0.2 d° · · · · · · · · · · · · · · · · · · | p. a. d p. l. d° p. d° a. a. ●° p. a. ⟨° p  a. a.                             |   |
| Departure      |  | -4, 45<br>-41;  |  | =   |   | 0 =   |   |   |  |   |   | -   | - :  |  |   |   |
| from normal    | the mean   | 1   |  |   |   | -0.5  |   |   |  |   | +15 13  | -32.9   | ,  |  |   |   |

<sup>\*</sup> All the mean values given in this table are deduced from hourly observations.

b These values are taken from instruments mounted in the Observatory Park, 1.5 meters above ground.

### METEOROLOGICAL DATA FOR MIRADOR OBSERVATORY, BAGUIO.ª

[ $\phi$ =16° 25′ N;  $\lambda$ =120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, -1.65 mm.]

| Day.  | Pressure b (mean).  | Air temperature at Mirador (on the top of the mountain).   |   |  |   | ain).   | Air temperature in the valley (near the city hall).  |   |  |   |   |   | Radiation.  |  | Evaporation   |  |
|---|---|--|---|--|---|---|--|---|--|---|---|---|---|--|---|--|
|   |   | Mean.  | mum.  | Hour.  | Mini-<br>mum.   | Hour.   | Maxi-<br>mum.  | Hour.   | Mini-<br>mum.  | Hour.   | Rela-<br>tive<br>humid-<br>ity<br>(mean).   | Vapor<br>pres-<br>sure<br>(mean).   | Mini-<br>mum<br>on<br>grass.  | Maxi-<br>mum<br>in sun.<br>Black<br>bulb<br>in va-<br>cuo.c  |   | Shel<br>ter<br>(tota   |
| 1 2 8 9 0 0 1 1 2 2 3 4 5 5 6 6 7 7 8 8 9 9 0 0 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 0 0 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 0 0 1 2 2 5 6 6 7 7 8 8 9 9 9 0 0 1 2 2 2 3 3 3 4 4 5 5 6 6 7 7 8 8 9 9 9 0 0 1 2 2 2 3 3 3 4 4 5 5 6 6 7 7 8 8 9 9 9 0 0 1 2 2 2 3 3 3 3 4 4 5 5 6 6 7 7 8 8 9 9 9 0 0 1 1 2 2 2 3 3 3 4 4 5 5 6 6 7 7 8 8 9 9 9 0 1 1 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | mm. 638. 17 638. 10 38. 01 37. 76 38. 15 38. 92 38. 75 38. 54 38. 14 38. 28 37. 47 37. 38 38. 41 38. 91 38. 43 38. 62 38. 61 38. 75 38. 62 38. 67 38. 63 37. 94 38. 29 38. 49 | 17.5<br>17.8<br>18.2<br>16.7<br>18.2<br>17.3<br>16.7<br>16.5<br>18.1<br>17.8<br>18.4<br>19.1<br>17.9<br>16.8<br>17.7<br>17.9<br>16.8<br>17.7<br>17.9<br>18.5<br>17.1<br>19.1<br>18.8<br>11.1<br>19.1<br>18.8 | 24. 9<br>24. 9<br>21. 8<br>21. 8<br>24. 6<br>23. 5<br>24. 8<br>25. 2<br>25. 2<br>25. 3<br>24. 8<br>24. 8<br>25. 2<br>25. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>22. 5<br>23. 8<br>24. 8<br>25. 3<br>25. 3<br>26. 3<br>27. 3<br>28. 3<br>28. 3<br>28. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>29. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3<br>20. 3 | 1. 00p. 1. 20p. 2. 00p. 1. 00p. 2. 05p. 11. 25a. 11. 55a. 9. 05a. 1. 50p. 1. 00p. 9. 55a. 0. 40p. 9. 55a. 1. 05p. 1. 35p. 0. 20p. 1. 50p. 1. 50p. 1. 1. 50p. 1. 1. 50p. 1. 1. 50p. 1. 1. 50p. 1. 1. 50p. 1. 1. 50p. 1. 1. 50p. 1. 1. 50p. 1. 1. 50p. 1. 1. 00p. 2. 20p. 2. 20p. 2. 20p. 2. 20p. 2. 20p. 3. 20p. 3. 20p. 4. 20p | 13. 3<br>12. 2<br>12. 5<br>12. 2<br>14. 2<br>12. 3<br>13. 3<br>14. 5<br>15. 5<br>14. 7<br>14. 3 | 6. 10a. 5. 55a. 3. 45a. 6. 05a. 12 m. n. 6. 00a. 3. 00a. 12 m. n. 3. 05a. 12 m. n. 3. 05a. 12 m. n. 3. 05a. 12 m. n. 3. 05a. 12 m. n. 3. 20a. 3. 05a. 12 m. n. 3. 20a. 6. 25a. 12 m. n. 6. 20a. 6. 50a. 6. 50a. 6. 50a. 6. 50a. 5. 00a. 7. 00p. 5. 10a. 4. 50a. 5. 50a.   | 25. 6<br>24. 5<br>25. 1<br>25. 3<br>26. 4<br>26. 8<br>24. 8<br>25. 7<br>25. 5<br>26. 2<br>26. 6<br>26. 2<br>25. 2<br>25. 5<br>24. 2<br>25. 6<br>24. 2<br>25. 6<br>26. 2<br>25. 6<br>26. 2<br>25. 6<br>26. 2<br>25. 6<br>26. 2<br>25. 6<br>26. 2<br>25. 6<br>26. 6<br>27. 2<br>28. 6<br>29. 2<br>29. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20 | 10. 45a. 0. 10p. 10. 30a. 1. 05p. 1. 05p. 2. 00p. 0. 50p. 1. 25p. 2. 20p. 2. 20p. 11. 40a. 2. 00p. 0. 35p. 11. 40a. 2. 00p. 0. 35p. 11. 00p. 0. 35p. 11. 00p. 11. 00p. 11. 50a. 11. 55a. 2. 10p. 2. 10p. 2. 10p. 2. 10p. 11. 50a. 11. 55a. 2. 10p. 2. 10p. Noon | 11. 1<br>12. 9<br>11. 4<br>13. 7<br>11. 8<br>9. 5<br>9. 8<br>10. 2 | 6. 00a. 6. 05a. 5. 20a. 6. 40a. 1. 20a. 12 m. n. 4. 40a. 12 m. n. 6. 05a. 6. 20a. 3. 25a. 6. 20a. 6. 50a. 6. 50a. 6. 50a. 6. 50a. 6. 40a. 5. 55a. 6. 40a. 5. 55a. 6. 30a. 6. 30a. 6. 30a. 5. 55b. 6. 30a. 6. 30a. 6. 30a. 6. 30a. 6. 30a. 6. 30a. 6. 30a. 6. 40a. 6. 40a. 6. 40a. 6. 40a. 6. 40a. 6. 40a. 6. 40a. 6. 40a. 6. 40a. 6. 40a. 6. 40a. 6. 40a.   | Per ct. 86.5 69.2 80.3 70.7 70.3 770.5 82.5 770.2 770.2 776.2 776.2 776.2 776.2 | mm. 12.8 10.3 12.3 9.8 11.2 9.1 11 12.2 11 8.1 12.2 11 9.8 7.5 11.2 11.4 12.5 11.8 9.4 9.2 11 11.7 10 9.2 8.1 10.6 11.3 | °C. 12. 9 11. 3 11. 5 12. 4 11. 7 11. 2 11. 2 11. 2 10. 8 13. 8 13. 8 13. 7 12. 3 13. 8 13. 2 12. 2 10. 6 12. 3 12. 11. 4 11. 11 12 15 14. 4 11. 9 13 | o C. 55<br>62.4 1<br>54.3 54.3 55.3 55.5 9<br>55.6 59.2 6<br>59.2 6<br>59.2 6<br>59.2 6<br>54.6 59.2 6<br>54.7 54.9 57.7 54.9 57.7 59.9 57.7 | mm. 3   | mm 1.6 2.9 4.9 2.4 6.5 4.9 2.4 6.5 5.4 4.9 5.4 4.9 5.4 4.9 5.5 5.6 6.6 6.3 3.3 1.7 7.8 4.2 5.5 5.6 6.6 6.2 8.8 |
| Mean  | 38. 46  | 17.1   | 23.8  | 9.40a.<br>11.35a.  |   | 2.40a.<br>6.35a.  | 24.2<br>25.4   | 0.40p.<br>0.40p.  | 13. 5<br>13. 4   | 2. 10a.<br>4. 20a.  | 90. 7<br>78. 2  | 13. 2<br>11. 6  | 13<br>13  | 52<br>56. 7  | 1. 5<br>8. 5  | 2.3<br>.9<br>4.3   |
| Total   | 637.89  | 17.7   | 24. 1   |  | 13.7  |   | 25. 2  |   | 12. 1  |   | 71. 4   | 10.6  | 12.3  | 54.9   | 6.8   | 4.0  |
| -   | Wind.   |  |   |  |   |   |  | Clou  | ds   |   |   |   |   |  | 210.0   | 122.0  |
| Day.  | Prevailing direction.d Total movement.  |  | nove-   | Maxi-<br>mum<br>hour-<br>ly<br>veloc-<br>ity. Direction<br>at the tim<br>of the<br>maximum<br>velocity.  |   | me and  | U  | Form ar   |  |   |   | ine. he   | in, 24<br>ours<br>egin-<br>ing<br>a.m.  | Misce  | llaneou   | 8.   |
| 1   | E E Quade E E Quade E E E E E E E E E E E E E E E E E E E   | d.<br>GV<br>d.<br>E  | e274. 1 340. 3 320. 3 372. 3 528. 2 378. 6 376. 2 386. 2 448. 3 455. 4 536. 6 343. 5 241. 6 241. 1 256. 5 274. 4 951. 7 677. 2 288. 4 284. 5  | 15.8 SW<br>18.5 E<br>24.4 E<br>37.3 E<br>21.7 E<br>25.5 E<br>17.7 E<br>26.8 E<br>20.4 E<br>37 E<br>34.9 SE<br>23.8 E<br>45.1 E<br>35.2 E<br>25.2 SE<br>35.2 SE<br>31.9 E<br>28.5 E<br>32.9 S<br>18.7 SW<br>19.5 SW<br>19.5 SW<br>19.5 SW<br>22 SW<br>19.5 SW<br>23.6 E<br>23.6 E<br>23.6 E   |   | 0-10.3<br>2.66 4.1<br>3.66 4.1<br>0.6 2.7<br>1.1 1<br>2.4 2.4 2.4 2.4 2.4 4.6.7<br>0.5 9 8.1 1<br>5.4 4.2 4.4 2.4 2.4 2.4 2.4 3.4 4.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3 | Ci. Ci. Ci. Ci. Ci. Ci. Ci. Ci. Ci. Ci.  | . E, Sbyv<br>SSI<br>, ACu.<br>ESI<br>SSE<br>SSE<br>SSE, SI  | Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu. Cu.                            | Cu. NE Cu. SE Cu. E quad. Cu. E, ENE Cu. E, ENE Cu. C Cu. C C Cu. C C C C C C C C C C C C C C C C C C C |   | 30  | =   | 2 p. 2 p. p. a. ≡ <sup>2</sup> p. a. ≡ p. p. p. ⊕ p. d° a. ≡° 2 ≡° a. ⊗° p. a. µ°° p. a. µ°° p. a. µ°° p.  | $p_{\cdot}$ $\stackrel{2}{\infty} \equiv p_{\cdot}$ $\stackrel{2}{\infty} \equiv p_{\cdot}$ $\stackrel{2}{\sim}$ |  |
| Mean  |   | -  | 370.8   |  |   | 6. 9  | CiS.   |   | Cu   | N.  | E 5<br>5  |   | June  | р.   |   | -  |
|   |   |  |   |  |   |   |  |   |  |   |   |   |   |  |   |  |

a All the mean values given in this table are deduced from six daily observations taken at 2, 6, 10 a. m. and 2, 6, 10 p. m.

b The barometric readings of this station are not reduced to sea level.

c Maximum of hourly observations taken from 6 a. m. to 6 p. m.

d This element is based on hourly observations taken from a quadruple register, which gives only eight possible directions of the wind.

e 12 hours missing.

#### METEOROLOGICAL BULLETIN.

#### DAILY RAINFALL AT THE STATIONS OF THE WEATHER BUREAU, DECEMBER, 1918.

| Station.   |       |             |  |              |               |              | 1.  | ay or     | month         |  |                 |              |               |               |           |            |
|--|-------|-------------|--|--------------|---------------|--------------|-----|-----------|---------------|--|-----------------|--------------|---------------|---------------|-----------|------------|
| Station.   | 1.    | 2.          | 3.   | 4.           | 5.            | 6.           | 7.  | 8.        | 9.            | 10.  | 11.             | 12.          | 13.           | 14.           | 15.       | 16.        |
| Jolo   | mm.   | mm.<br>10.7 | mm.<br>5.4                                 | mm.<br>16.5  | mm.<br>86.6   |              | mm. | mm.       | mm.           |  | mm.             | mm.          | mm.           | mm.           | mm.<br>19 | mn         |
| sabela, Basilan  | 6.1   | .5          | 2  | 27.9         | 11.4          | 1. 0         |     |           |               |  | 2.8             |              |               | 2             | 29.4      | 1. 3       |
| Basilan Plantation, Isabela (Basilan) Office                 |       |             | 6.9  | 30. 7        | 12.4          |              | 2.5 | <b>.</b>  |               |  | 1.8             |              |               |               | 51.3      | 8.6        |
| Zamboanga  |       |             | 2.8  | 3.3          | 14.2          |              |     |           | !             | 3. 1                                       | 2.8             | 0.8          |               | 2.5           |           | 1.6        |
| Davao<br>Cotabato  |       |             |  |              |               | 48           |     |           | 5.6<br>d27.9  | 10.2                                       | 4. 1<br>3. 3    |              |               | 3.8           | 11.2      |            |
| Camp Keithley, Lanao   | .8    | 2.2         | 15.2                                       | 5. 9         | 31            | 6.9          |     |           | 1.6           | 12.7                                       | 4.3             | 1.8          | 0.4           | 2             | 11.2      | 23. 6      |
| Cagayan, Misamis   |       | 8.6<br>49.8 | $\begin{array}{c} 3.8 \\ 20.6 \end{array}$ | 5.6          | 3<br>6. 4     | 1.8<br>13.2  | 6.9 | .3        | 4. 1<br>26. 9 | 8.9<br>21.3                                | 1.5<br>9.6      | 9. 1         | 6. 4<br>31. 3 | 6 1           |           | 19         |
| Mambajao   | 11.5  | 5.1         | 34   | 5.0          | 9. 1          | 34.8         | 2.8 |           | 23.6          | 28.2                                       | 19.8            | 6.4          | 14            | 6. 1          | 1         | 43.7<br>32 |
| Dumaguete  |       |             | 2.5  |              | 2             | 10.2         |     | i         | }             | 3  | 2               | 1.3          | 10.2          |               | 1.8       | 2.3        |
| Yap, Western Carolines                                       |       | 1,3         | 3<br>16. 9                                 | . 5          | 3.8<br>12.7   | 1.6          |     | 3.3       | 1             | 1.5<br>4.9                                 | 22.4            | 1.3<br>1.3   | 7.1           | 3. 5<br>1. 3  | 25.7      | 18         |
| wahig  |       |             |  |              | 5.3           |              |     |           |               |  |                 |              |               |               | 3.3       |            |
| Surigao<br>Maasin  |       | 51.3        | 50.6 $224.7$                               | 6. 1<br>7. 1 |               | 8.4          | 1   | - <b></b> | 24.6          | 28.5<br>9.4                                | 103. 1<br>92. 7 | 19.6<br>91.2 | 41.6<br>11.2  | 6.6           | 7.9       |            |
| Cebu   |       |             | 41.7                                       | 8            | 42.6          |              |     |           | .8            | 5.6  | 22              | 2.5          | 3.1           | 2.3           |           |            |
| La Carlota, Occidental Negrosa                               |       |             | 19.8                                       |              | 18.2          |              |     |           |               |  |                 | 2.6          | 4.1           |               |           | 4.         |
| loiloSan Jose Buenavista                                     |       |             | 6.4  |              | 5.6           |              |     |           |               |  | .3              | .8           | 1.3           |               |           |            |
| Cuyo<br>Lucena, Iloiloa                                      |       | ,           |  |              | . 5           | ;<br>!====== |     |           |               |  |                 |              | 20.3          |               |           |            |
| Lucena, Iloiloa<br>Ormoc                                     |       |             | 8.6<br>35.3                                | 4.6          | 8.4<br>21.1   |              |     |           |               | 9 9  |                 | 4.8          | 7.4           |               |           |            |
| Juiuan   |       | 38.1        |  |              | 29.7          |              |     | <br>      | .3            | $\begin{array}{c} 3.3 \\ 23.1 \end{array}$ | 9.9<br>26.6     | 28.7<br>7.4  | 1.3<br>16     | 11.5<br>5.4   | 3         | 3.<br>49.  |
| Dueñas, Iloilo a   |       |             | 8.9  |              | 9.1           |              |     |           |               |  |                 |              | 3.6           |               |           |            |
| Bitaogan, Iloilo (Railroad Iloilo to Capiz)                  |       | 1           | 8.4  |              | 9.7           |              | İ   |           |               |  | 6.4             | .8           | 7.6           |               | 4.6       |            |
| Lapus, Iloilo (Railroad Iloilo to                            |       |             | ĺ  |              | 1             |              |     |           |               | 1  | J. 4            |              |               |               | 4.0       |            |
| Capiz) a   |       |             | 7.1  | 10           | 59.5          |              |     |           |               | -15-5-                                     | 00.7            | 05.0         | 4.6           |               |           | 1.         |
| Tacloban<br>Dumarao, Capiza                                  |       |             | 22.4<br>14.7                               | 19.4         | 18. 1<br>7. 6 | .5           |     | .6        |               | 15. 5                                      | 29.7            | 27.2         | 3, 1<br>15. 2 | 4.4           |           |            |
| Oao, Capiza  | 11.2  | .5          | 5.1  | 8.9          | 15.7          |              |     |           |               | İ  | 1               | 1.8          | 1.8           | .3            |           |            |
| Capiz<br>Borongan  | 4.1   |             | 2<br>29. 5                                 | 37.3         | 12.5          |              |     | 0 0       |               | 11 0                                       | 4.0             | 7.2          | 4.1           |               |           |            |
| Catbalogan   |       |             | 34.8                                       | 22.6         | . 5           |              | 1   | 8.0       |               | .5   | 4.6<br>7.9      | 13<br>4.8    | 1.8           | 15. 7<br>5. 8 | 3.5       |            |
| Calbayog   |       |             | 36.8                                       | 40.2         | .8            |              |     | l         |               | . 3  | . 5             | . 3          | 2.3           |               |           |            |
| Masbate  | 1.5   |             |  | 18.8         | 4.3           | 3.3          |     |           |               |  |                 | 9.7          | 4.6           | 1             |           | 2.         |
| Mindoro a  |       |             |  |              |               |              |     |           |               |  |                 | l            |               |               |           |            |
| San Jose Estate, Tamaraw Planta-<br>tion, Mindoroa           |       |             |  |              |               |              | i   |           | Ì             |  |                 |              | ١.            |               | 1         |            |
| San Jose Estate San Agustin                                  | ;     |             |  |              |               |              |     |           |               |  |                 |              |               |               |           |            |
| San Jose Estate, San Agustin,<br>Mindoroa                    | :     | :           |  |              |               |              |     |           |               |  | İ               |              |               | .             |           |            |
| san Jose, Mindoro a  |       | ·           |  | .¦           |               |              |     |           |               |  | ļ               |              |               |               |           |            |
| San Jose Estate, Tunnel D-12,<br>Mindoro a                   |       | 1           |  |              |               | 1            |     |           | i             | 1  |                 |              | 1             |               |           |            |
| Romblon  | . 5   |             |  | 12.7         | 14.2          | .3           |     |           |               |  | 2               | 4.6          | .8            | 2.3           |           |            |
| Batag<br>Legaspi   | 15. 3 |             | 22.1                                       | 45.8<br>22.9 | 9 9           |              |     |           |               |  | 3.6             | 3.8          | 6.9           | 2.8           |           | . 8.       |
| San Miguel Estate, San Miguel Is-                            | 15. 5 |             |  | 22.9         | 3.3           |              |     |           | ·             | 2  | 2.3             | 19           | 14. 9         | 10.7          | . 5       |            |
| land, Tabaco, Albayab  | 28.2  |             |  | 12.2         | 1             | 2            |     |           | 4.3           |  | 5. 1            | 40.6         | 10.7          | 6.4           |           | 27.        |
| Sumay, Guam<br>Calapan                                       |       | 1           | .8   | 2            |               |              |     |           | 1.3           |  |                 | 4.6          | 5. 3          | 6.4           |           |            |
| Virac  |       | . 1         |  | 20.4         | .8            |              |     |           | 1.3           | 1.3  |                 | 14.2         | 11.2          | 5.3           |           | -          |
| Naga<br>Tigaon   |       |             |  |              |               |              |     |           | -\            |  |                 | 8.4          | 7.9           |               |           | -          |
| Batangas   |       | 3.6         | .3   | 4.3          | 1             |              |     |           |               | .  |                 | 15.2         | 9.6           |               |           |            |
| Lucena   | 6.4   | 4.3         |  | 1.8          |               |              |     |           | 1.5           |  |                 | 3.8          |               | 2.6           |           |            |
| Atimonan<br>Ambulong, Tanauan                                | 4.4   |             | 1  | 10.2         | 2.1           |              | 1.3 | 8.        | 1.5           |  |                 | 13.6         |               | 5.3           |           | -   -      |
| Canlubang, Calamba   |       |             |  |              |               |              |     |           | 1.5           |  |                 | .5           | 13.7<br>8.9   |               |           | -          |
| Paracale   |       | 26.9        | .8   | 15.7         |               |              |     | 2.5       | .3            |  | 4.1             |              | 16.3          | 1.5           | . 5       | 1.         |
| Santa Cruz, Laguna<br>Fort Mills, Corregidorac               |       | 8           |  |              |               |              |     |           | 1.8           | .5   |                 | <b>-</b> -   | 3.6           | 1.3           |           | . 1.       |
| Alabang, Rizala  |       |             |  |              |               |              |     |           | 1.5           |  |                 |              | 1             |               |           | 1          |
| Lamao, Bataana   | 1     | 1           |  | 1            | !             | 1            | !   | !         | 1             | 1  | 1               | 1            | 1             | 1             | \         | -          |
| Manila<br>Antipolo   |       |             |  |              | <b>-</b>      |              |     |           | ·             |  |                 |              | .3            | .1            |           |            |
| Bosoboso, Rizala<br>Montalban, Rizala                        |       |             |  |              |               |              |     |           | ,             |  |                 |              | . э           |               |           | 1          |
| Montalban, Rizala  | ¦     |             |  |              |               |              | ·   |           |               |  |                 |              |               |               |           | -          |
| Hacienda Pintong Sapang, San<br>Jose, Bulacan a              |       |             |  |              |               | -            |     |           |               |  |                 |              |               | }             |           |            |
| Mabayuan Dam, Olongapo, Zam-                                 |       | 1           |  |              | 1             | İ            | 1   |           | 1             |  |                 | l            |               |               |           | 1.         |
| bales a  | ļ     | -           |  |              |               |              |     |           | .5            | .8   |                 |              | .3            |               |           |            |
| San Isidro   | .     |             |  |              |               |              |     |           | .6            |  |                 |              | 3             |               |           |            |
| Hacienda Luisita, Comillas, Tar-                             | 1     | 1           | İ  | -            |               |              | 1   | į.        | 1             | 1  |                 |              |               |               |           |            |
| laca<br>Hacienda Luisita, San Miguel,                        |       |             |  |              |               |              |     |           | . 8.          |  |                 |              |               |               |           |            |
| Tarlaca  |       |             |  |              |               |              |     |           | 3.6           |  |                 |              |               |               |           | 1          |
| Fariac   |       |             | 1  | 1            |               | 1            | 1   | 1         | 1             | 1  | Į.              | 1            | i             | 1             |           |            |
| Baier  |       | -           | 1.8  |              | 4,6           |              | -   |           | 4.8           |  |                 |              |               | . 3           | 75.7      | 40.        |
|  |       |             |  |              |               |              |     |           |               |  |                 |              |               |               |           |            |
| Dagupan  | . [   |             | . (  | 1            | 1             | (            | 1   | 1         | 1             | 1  | 1               |              | í             | 4             |           | .          |
| incea  | 1     | 1           | 1  |              |               |              | -   |           |               |  |                 |              |               |               |           |            |
|  |       |             |  |              |               |              |     |           |               |  |                 |              |               |               |           | -          |
| San Fernando Union   | -     |             | -  |              |               | -            | -   |           | -             | -  |                 | -            |               |               |           |            |
| Echagüe  |       |             | 2.3  |              |               | .1           | .1  |           | 1             | 1.1  | 1               |              |               | .1            | 8         | -          |
| Echagüe Sagada, Mountain Provincea Bontoc, Mountain Province |       |             | -  | -            | .             |              |     |           |               |  | .               |              |               |               | 2.5       |            |
| Candon   |       |             | 1  |              |               |              |     |           |               |  | -               |              |               | -             | 2.0       |            |
| vinavieja, rijar, Abra a                                     |       |             | _ 1  | . 1          | 1             | 1            | 1   | 1         | 1             | 1  | 1               |              | 1             |               | 1 0       |            |
| vigan  |       | 1           |  | 1            | 1             | )            | 1   | 1         |               | l .  |                 | 1            |               | 1             |           | -          |
| La Paz, Abraa  |       |             |  |              |               |              | -   | ·         |               | -  | ·               |              | -             | -             |           | 1          |
|  |       |             |  |              |               | -            |     |           |               |  |                 |              | -!            | -             | -1        | -1         |
| Cane Rojeador  |       | -           |  |              | - 1           |              | -   | -         | .8            |  |                 |              |               |               |           |            |
| Santo Domingo, Batanes                                       | 17 6  | 3           |  | 8            | 5 1           |              |     |           |               |  |                 | 1            |               | -             | -         |            |
|  |       |             |  |              |               |              |     |           |               |  | 4               |              |               |               | 1         | -1         |

Noluntary or cooperative station.

Daily rainfall at the stations of the Weather Bureau, December, 1918—Continued.

| Stations.   | Day of month.  17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. |               |                |             |           |       |       |             |                 |                   |      |              |               |            |              | -                |
|---|--|---------------|----------------|-------------|-----------|-------|-------|-------------|-----------------|-------------------|------|--------------|---------------|------------|--------------|------------------|
| Stations.   | 17.  | 18.           | 19.            | 20.         | 21.       | 22.   | 23.   | 24.         | 25.             | 26.               | 27.  | 28.          | 29.           | 30.        | 31.          | Tota             |
|   | mm.  | mm.           | mm.            | mm.         | mm.       | mm.   | mm.   | mm.         | mm.             | mm.               | mm.  | mm.          | mm.           | mm.        | mm.          | mm               |
| Jolo  | 0.8  |               |                |             |           |       |       |             |                 |                   |      |              |               |            |              | 141.<br>84.      |
| Basilan Plantation, Isabela (Ba-  |  |               |                |             |           |       |       |             |                 |                   |      |              |               |            |              |                  |
| silan) OfficeaZamboanga   | 1.5<br>.5  |               |                |             |           |       |       |             |                 |                   |      |              |               |            |              | 117. 2<br>33. 2  |
| Davao   |  |               |                |             |           |       |       |             |                 |                   | 5.1  |              |               |            |              | 90.1             |
| Cotabato  | $\frac{1.5}{27.2}$   | .5            | 22. 1          | 0.5         | 6.9       | . 0.3 |       |             |                 |                   |      |              |               | 0.1        |              | 64<br>168. 6     |
| Cagayan, Misamis  |  |               | 14. 2          |             |           |       |       |             |                 | 50.8              |      |              |               |            |              | 122.             |
| Butuan  | 2.3<br>8.1   | 2<br>41.1     | 110.5<br>91.7  |             |           | 1.3   |       |             |                 | 10.2              | 2.6  | 11.7         | 1             | .5         |              | 405.<br>384.     |
| Dumaguete   |  |               | 6.6            |             | 1.3       |       |       |             |                 |                   |      | 1.5          | 1.8           |            |              | 46.              |
| Yap, Western Carolines  | $\frac{.3}{1.6}$   | 1.3           | 12.2<br>4.4    | 46.5        | 15.3<br>2 |       |       |             | 1.3             |                   | 2.8  | .3           | 1.3           | 4.3        |              | 150.<br>120      |
| wahig   |  |               |                |             |           |       |       |             |                 | 29.7              | 1.1  |              | 1.8           |            |              | 41.              |
| Surigao<br>Maasin   | 14.5   | 21.1          | 81.6<br>27.4   | 8.1         | 9.4       |       |       | 24. 9       |                 |                   |      |              | 5.8           | 2.1        | 12.7         | 687.<br>602.     |
| Cebu  | 2.3  | 1.3           | 26             |             |           | 1.6   |       |             | 5.1             |                   | 1    |              |               |            | .8           | 194.             |
| La Carlota, Occidental Negrosa  | 27.9   | .5            | 23.9<br>16.8   |             |           |       | 0.5   | .5          | 12. 4<br>25. 7  | 20.8              |      |              |               |            |              | 89.5             |
| San Jose Buenavista   |  |               | .3             |             |           |       |       |             | 9.2             | 12.3              |      |              |               |            |              | 148, 2<br>28, 8  |
| CuyoLucena, Iloiloa   | 6.4  |               | 8.1            |             |           |       |       |             | 7. 1<br>9. 7    | 6.1               |      | 2.5          | 4.1           |            |              | 40. 6            |
| Ormoc   |  | 5.6           | 27.9           | 2.5         | .5        | .5    | 1.3   | 24.6        | 6.4             | 20.6              |      | 2            |               |            |              | 76<br>189. 8     |
| Guiuan<br>Dueñas, Iloiloa   | 2.5  | 1.2           | 39.3<br>27.9   | 8.4         | 7.1       | .8    | ļ     | 3.9         | . 5             | 8.4               |      |              |               | .5         | 3.8          | 401. 8           |
| Bitaogan, Iloilo (Railroad Iloilo to  |  |               | 1              | 2           |           |       |       |             | 25.2            |                   |      | 7.9          |               |            | 5. 1         | 89.7             |
| Capiz) a  | 7.4  |               | 8.1            | 10.7        |           |       |       |             | 30.7            | 5.3               |      | 88.9         |               |            |              | 188.             |
| Lapus, Iloilo (Railroad Iloilo to Capiz)  | 60   | 15            |                |             |           |       |       |             | 26. 9           | 18                |      | 14.5         | l             |            |              | 207. 1           |
| Cacloban  | 2.3  | 12.7          |                | 15          | .5        | 1.3   |       | 8.9         | 8.1             | 3.8               |      | 1.3          |               |            | .8           | 260. 1           |
| Dumarao, Capiza<br>Dao, Capiza  | 36.8   |               | 20.3<br>14     | 12.7<br>6.9 |           | .5    | .8    |             | 27.9<br>37.1    | 50.8              |      | 7.6          | 24.6          |            | 3.8          | 149. 2<br>179. 4 |
| Capiz   | 2  |               | 2              | .5          |           |       | .3    |             | 52.8            | 1                 |      | 34.5         | 44.4          |            | 2.3          | 169.7            |
| Borongan<br>Catbalogan  | 9. 2<br>3  | 13. 7<br>6. 9 | 81. 5<br>19. 6 | 5.3<br>6.1  | 2         | .8    | 4.6   | 11. 4<br>36 | 5.8<br>26.7     | 12<br>15.7        |      | 3<br>8.1     | 12.2          | .8         | 7.6          | 320. 8<br>209. 8 |
| Calbayog  | 34.1   | 1             | 11.1           | 3           |           | 1.5   | .3    | 59.9        | 71.8            | 64.3              | 1    | 23.4         |               |            | 2.1          | 357.8            |
| Masbate   | 22.6   |               | 1              | 1.8         |           | . 5   |       | 17          | 328.4           | 6.6               |      | 10.9         | 6.4           |            | 2.3          | 443              |
| Mindoro a   |  |               |                |             |           |       |       |             | 22, 9           | 75                |      |              |               |            |              | 97. 9            |
| San Jose Estate, Tamaraw Plan-  | 19   |               |                |             |           | 1     |       |             | C9 E            | 94 1              |      |              |               |            |              | 01.0             |
| tation, Mindoros<br>San Jose Estate, San Agustin,   | 4.3  |               |                | ļ           |           |       |       |             | 63.5            | 24.1              |      |              |               |            |              | 91. 9            |
| Mindoro a   |  |               |                |             | ·         |       |       |             | 76.2            |                   |      |              |               |            |              | 76. 2            |
| San Jose, Mindoros  | .3   |               |                |             |           |       |       |             | 46.2            | 45. 7             |      |              | .8            |            |              | 93               |
| Mindoro a   | 2.3  |               |                |             |           |       |       |             | 63.5            | 67.3              |      |              | 5.3           |            |              | 138.4            |
| RomblonBatag  | . 8<br>13. 7   | 10.9          | 2.8            | 23.4        |           | 7.1   | 30. 5 | 36.3        | 236.3<br>123.2  | 18.8              |      |              | 2.6<br>1.3    |            | 9. 1         | 281. 4<br>371. 2 |
| Legaspi   | 39.9   |               | 3.3            | 6           |           | .5    |       | 29.5        | 72.1            | 54.6              |      | 8,6          | 7.3           | 1          | 6. 1         | 320.6            |
| San Miguel Estate, San Miguel<br>Island, Tabaco, Albayab  | 17.8   | 12.7          |                | İ           | 4.3       | 12.7  | 10. 2 | 25. 1       | 4.8             |                   | 11.4 | 7.6          | 7. 1          | 10.2       |              | 267.4            |
| Sumay, Guam   | 2.5  |               | 5.1            | 4.5         | 14        |       | 3.8   |             | 7.6             |                   |      |              | 6.4           | 2.5        |              | 59. 2            |
| Calapan<br>Virac  | 10.2<br>41.1   | 2.5           | 1.5            | .3<br>4.6   | 1         |       | 2.6   | 98.8        | 102             | 35. 5<br>8. 9     |      | 52.3         | 2.5<br>1.5    | 2.8<br>2   | 5.8          | 173. 6<br>424    |
| Naga  | 2.8  |               | .5             | 4.0         | .8        |       | 7.6   | 11.2        | 161.8           | 35.6              |      | 30.7         | 6.4           |            |              | 274              |
| Figaon<br>Batangas  | 54.6   |               | 3.3            |             |           | .5    | 2.8   | 72.4        | 162. 6<br>50. 8 | $\frac{29}{12.2}$ | 2.8  | 46.2         | 15. 2<br>1. 6 |            | 2            | 425. 4<br>65. 4  |
| Lucena  | 2  | 1.5           |                | 1.3         |           | 1.3   |       |             | 108.8           | .3                |      | 1.5          | 4.1           | 3          | .3           | 161.3            |
| Atimonan  |  |               |                | 2.8         |           |       |       | 1           | 79.9            | 7.6               | 4.4  | 6. 2<br>2. 8 | 5. 1          | 14.3       | 1.5          | 224.5            |
| Ambulong, Tanauan   |  |               |                |             |           |       |       |             | 69. 9<br>51. 1  | $7.1 \\ 10.5$     | 2    | 2.0          |               | 1.5        |              | 93. 5<br>76      |
| Paracale  |  | 3             |                |             |           |       |       | 4.1         | 134.8           | 5.3               | 1.8  | 2.8          | 9.1           | 7.8        | 2.3          | 275.5            |
| Santa Cruz, LagunaFort Mills, Corregidorac  |  | .3            |                | . 5         |           |       |       |             | 42.2<br>10.7    | 10.6<br>7.6       | 12.2 |              | 4.1           | 2.5        | 2            | 82. 7<br>22. 7   |
| Alabang, Rizala   |  |               |                |             |           |       |       |             | 25.4            | 8.9               | 1.3  |              | . 8           | 8.9        |              | 45. 3            |
| Lamao, Bataana  |  |               |                |             |           |       |       |             | 19<br>7.6       | 3.8<br>17.7       |      | 1            | 1.8           | 12.7<br>.3 |              | 35. 5<br>29. 1   |
| Antipolo  |  |               |                |             |           |       |       |             | 16.3            | 41.4              |      | 1.3          | 3             |            |              | 62.8             |
| Bosoboso, Rizala  |  |               |                |             |           |       |       |             | 33              | 38.1<br>43.9      | 11.4 |              |               | 3          |              | 73. 4<br>58. 3   |
| Hagianda Pintona Sanana San   |  | t .           | )              | ì           | 1         | i     |       |             |                 |                   |      |              |               |            | '            |                  |
| Jose, Bulacana  |  | 1             | i              | 1           | 1         |       | i     |             |                 | 41.7              | 16.5 | . 5          |               |            |              | 59. 2            |
| Mabayuan Dam, Olongapo, Zam-<br>bales a   |  |               |                |             |           |       |       |             | 2               |                   |      |              |               |            |              | 13.3             |
| [ba   |  |               |                |             |           |       | İ     |             |                 |                   |      |              |               |            |              | $\frac{0}{2.7}$  |
| San Isidro  | 1  |               | i              | 1           | 1         |       |       |             |                 |                   |      |              |               |            |              |                  |
| laca  |  |               |                |             |           | ;     |       |             |                 |                   |      |              |               |            |              | 0.8              |
| Hacienda Luisita, San Miguel, Tarlaca   |  |               |                |             |           |       |       |             |                 |                   |      |              |               |            |              | 3. 6             |
| L'ariac   |  |               |                |             |           |       |       |             |                 |                   |      |              |               |            | 191 6        | 1. 8             |
| BalerPanigui, Tarlac a  |  |               | 30             |             |           |       |       |             | 5, 1            | 10. 5             | 1.5  |              |               | 4.3        | 121.6        | 300.8            |
| Paniqui, Tarlac a<br>C. L. A. S. Muñoz, Nueva Ecijaa  |  |               |                |             |           |       |       |             |                 |                   |      |              |               |            |              | 0                |
| Dagupan   |  |               |                |             |           |       |       |             |                 |                   |      |              |               | 6. 1       |              | 6. 1             |
| Santo Tomas Mt., Mountain<br>Provincea<br>Bolinao   |  |               |                |             |           |       |       |             |                 |                   |      |              |               |            |              | 0                |
|   |  |               |                |             |           |       |       |             |                 |                   |      |              |               | .5         |              | 0<br>0. 5        |
| San Fernando, Union   |  |               |                |             |           |       |       |             | <u>-</u>        |                   |      |              |               |            |              | 0                |
| Baguio San Fernando, Union Echagüe Echagüe Sanada, Mountain Provincea Gandon Villavieja, Pilar, Abraa Tuguegarao La Paz Abraa | .1   |               |                | .1          |           |       |       | .8          | 5.6             | 2.6               | 2.6  | 23.4         | 3.4           | 2.8        | 6. 1<br>7. 9 | 53. 1<br>10. 4   |
| Bontoc, Mountain Province   |  |               |                |             |           |       |       |             | 1.5             |                   |      |              |               |            |              | 4. 8             |
| Candon  |  |               |                |             |           |       |       |             |                 |                   |      |              | - <b>-</b>    |            |              | 0<br>0.8         |
| Vigan   |  |               |                |             |           |       |       |             |                 |                   |      |              | -====         |            |              | 0                |
| Tuguegarao  |  |               |                |             |           |       |       |             | 1.8             |                   |      | 5.6          |               | 6.9        |              | 44.8             |
| Laoag   |  |               |                |             |           |       |       |             |                 |                   |      |              |               |            |              | 0                |
| Aparri  |  |               |                |             |           |       |       | 2           | 2.4             | 22.2              | 2.8  | 2.2<br>6.1   | 8.1           | .5         |              | 42<br>6. 1       |
| Cape Bojeador   |  |               |                |             |           |       |       |             |                 |                   |      | 0.1          |               |            |              |                  |

a Voluntary or coöperative station.

 $<sup>^{\</sup>rm b}$  Rain in 24 hours beginning 8 a. m.

c Rain in 24 hours beginning 7 a. m.

#### METEOROLOGICAL BULLETIN.

#### MAXIMUM AND MINIMUM TEMPERATURES AT THE STATIONS OF THE WEATHER BUREAU, DECEMBER, 1918.

| •    | Jo   | olo.  | Isal<br>Bas   | bela,<br>ilan.  | Zamb   | oanga.   | Da  | vao.a  | Cota  | bato.  |  | Keith-<br>Lanao.   |   | ayan,<br>amis.  | But  | tuan.  |
|------|--|---|---|---|--|--|---|--|---|--|--|--|---|---|--|--|
| Day. | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-   | Maxi-<br>mum.  |  |
| 1    | 30.3<br>30.1<br>29.5<br>29.8<br>29.5<br>29.9<br>29.6<br>29.1<br>29.3<br>30.2<br>29.7<br>30.5<br>30.6 | °C. 25.3 2 23.6 23.5 22.7 22. 4.5 24.1 25.5 23.7 23.4 22.2 22.1 22.9 24.1 24.5 22.1 22.1 22.9 24.1 21.2 25. 20.5 20.5 20.5 20.5 20.5 21.4 23.7  | °C. 33.16 32.6 32.1 33.6 32.1 33.6 32.1 33.6 32.1 31.6 32.6 31.6 32.1 32.6 31.6 32.1 32.6 31.1 32.6 33.1 32.1 32.6 33.1 32.1 32.6 33.1 32.1 32.6 33.1 32.1 32.6 33.1 32.1 32.6 33.1 32.1 32.6 33.1 32.1 32.6 33.1 32.1 32.6 33.1 32.1 32.6 33.1 32.1 32.6 33.1 32.1 | °C. 22.7 23.6 23.6 23.3 23.1 22.6 22.1 23.1 22.6 22.1 23.1 22.6 21.6 21.6 21.6 21.7 22.1 20.3 21.4 21.7 22.1 20.1 20.6 20.1 20.6 20.1 20.6 20.1 20.6 20.1 | °C. 33.3 32 29.5 32.7 30.7 32.1 81 31.5 31.5 31.5 27.8 30.7 28.5 29.5 30.7 30.7 30.7 28.5 29.8 30.7 30.7 28.5 29.8 30.2 29.8 28.1 28.1 28.3 29.3 | °C. 23.8 24.8 23.6 23.5 23.4 23.9 23.7 22.9 23.7 22.9 23.5 23.2 24.2 21.6 20.2 20.5 21.6 22.2 22.1 24.2 22.2 21.4 22.2 21.4 22.2 21.4 22.2 22.1 24.2 22.2 22 | °C. 32.87 33.55 33.99 33.93 33.92 33.92 33.93 33.22 29.56 27.66 31.93 33.93 32.66 32.55 32.33 33.88 32.77 33.48 33.87 33.87 33.88 33.77 33.88 33.87 33.88 | *C. 21.3 21.6 21.5 21.7 21.5 20.8 18.9 20.2 20.1 21.5 21.7 21.5 21.1 5 21.5 21.1 6.2 21.5 21.6 20.6 20.7 20? 19.9  |   | °C   | °C. 25. 3 24. 6 27. 8 26. 5 25. 4 23. 3 24. 6 25. 8 24. 1 23. 3 27. 5 26 25. 8 24. 9 25. 8 24. 9 26. 6 26. 3 26. 5 26. 8 26. 3 27. 4 25. 3 | *C. 18.7 20.2 19.6 19.4 18.7 17.5 18.6 19 18.5 18.7 18.6 19.1 19 18 17.8 19.5 16.3 19 18.9 18.9 18.9 18.9 18.9 18.9 18.9 1   | °C. 31.4 28.3 30.2 30.5 28.2 30.6 30.1 29 28 27.2 25.8 30.1 31.3 29.8 29.5 30.4 28 29.8 29.8 30.3 30.4 30.4 30.4 30.3 30.4 30.3 30.6 30.6 30.1 30.6 | °C. 21. 3 24 21. 6 21. 9 22. 2 21 22 23 21. 6 22. 6 22. 6 22. 6 22. 4 21. 4 21. 8 21. 4 21. 9 20. 3 20. 4 21. 20. 3 20. 6 21. 1 20. 5                   | °C. 31.4 30.3 31 91.9 28.2 31.4 29.1 28.9 29.3 28.4 29.5 31.7 29.9 28.6 29.9 27.3 30.6 29.9 28.6 33.1 32.2 33.2 33.2 33.2 33.2 33.2 33.2 | • C. 21. 6. 22. 7 22. 3 22. 1. 8 22. 7 22. 3 22. 1. 8 22. 7 22. 3 22. 1. 8 22. 5 22. 7 21. 9 22. 4 21. 9 22. 4 21. 9 21. 21. 21. 21. 21. 21. 21. 21. 21. 21. |
| Mean | 29. 9  | 23  | 32. 4   | 22  | 30.1   | 22.6   | 32. 1   | 20.4   | 30  | 21.9   | 25. 5  | 18.2   | 29.7  | 21.6  | 30. 1  | 22. 1  |
|      | Maml   | bajao.  | Duma  | guete.  | Yap, W<br>Caro   | Vestern<br>lines.  | Tagbi   | laran.   | Iwa   | hig.   | Sur  | igao.  | Mas   | isin.   | Се   | bu.  |
| Day. | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.  |  |
| 1    | 27<br>25.5<br>27<br>28.2<br>29.1<br>27.4<br>27.8<br>28.3<br>27<br>27.4                               | *C. 23. 5 24. 4 23. 6 24. 2 25. 8 25. 4 25. 3 22. 8 22. 8 22. 8 22. 9 21. 8 21. 1 5 21. 5 24. 4 25. 3 22. 4 25. 3 22. 4 25. 3 22. 4 25. 3 22. 4 25. 3 22. 4 25. 3 22. 4 25. 3 22. 4 25. 3 22. 4 25. 3 22. 4 21. 6 | *C. 30. 4 30. 9 30. 2 30. 5 29. 9 28. 8 29. 9 4 30. 4 28. 9 29. 9 30. 9 29. 4 30. 3 29. 4 30. 3 29. 4 30. 3 29. 4 30. 3 30. 3 29. 4 30. 7 33. 3 30. 2   | °C. 23.6 23.7 24.7 23.3 24.6 23.6 23.8 23.8 23.8 23.8 23.8 22.6 23.2 25.3 23.2 23.2 23.2 23.2 23.2 23.2   | °C. 31.7 31.2 32.7 32.7 31.3 32.7 33.1.7 33.2 31.7 31.7 31.7 32.2 33.1 32.7 32.4 32.5 30.2 30.3 30.2 30.3 30.2 31.7 31.7 32.8                    | °C. 24.5 24.5 24.5 24.5 24.5 24.5 24.5 25.7 26.5 25.2 24.5 25.2 24.5 25.2 24.5 25.2 25.2   | °C. 31.7 31.7 29.9 29.2 30.4 30.4 30.5 30.2 28.3 29.9 27.7 30.6 30.3 30.6 29.9 28.5 29.2 27.1 29.9 30.3 30.8 30.8   | °C. 22. 4 22. 1 22. 22 22. 9 22. 5 21. 9 22. 1 22. 4 21. 3 21. 2 22. 5 21. 3 22 21. 4 21. 3 22 21. 4 21. 3 22 21. 4 21. 3 22 21. 4 21. 3 22 21. 4 21. 3 22 21. 4 21. 3 22 21. 4 21. 3 22 21. 4 21. 3 22 21. 4 21. 3 22 21. 4 21. 4 21. 4 21. 4 21. 4 21. 4 21. 4 21. 4 21. 4 21. 4 21. 4 21. 4 21. 4 | °C.<br>31.6<br>32.1<br>32.1<br>32.1<br>31.2<br>30.3<br>31.1<br>31.2<br>30.6<br>31.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>31.2<br>30.6<br>30.6<br>30.6<br>30.6<br>30.6<br>30.6<br>30.6<br>30.6 | °C. 20. 4 19. 4 19. 4 19. 6 21. 9 21. 4 19. 4 19. 4 19. 8 17. 3 17. 4 18. 5 19. 8 19. 3 20. 6 21. 9 18. 5 19. 1 19. 9 18. 5 18. 4 17 17. 3 15. 3 21. 7 20. 5 | *C. 29.7 28.5 1 27.1 28.3 28.3 28.8 28.2 27.8 28.4 27.6 9 28.1 28.2 27.3 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28.5                           | °C. 24.3 23.9 24.4 24.2 24.9 24.5 25.8 24 24.1 23.2 22.7 23.1 23.8 22.9 22.2 22.7 21.7 22.2 23.7 21.7 22.2 23.7 21.7 22.2 23.7 21.7 22.2 23.7 21.7 22.2 23.7 21.7 22.2 23.7 21.7 22.2 23.7 21.7 22.2 23.7 21.7 22.2 23.7 21.7 22.2 23.7 21.7 22.2 23.7 21.7 21.4 | *C. 33 32.8 33.4 32.8 33.4 32.9 30. 6 29.8 31.5 31.4 31.8 32.9 30.7 30.2 31.8 32.8 32.8 32.8 32.8 32.8 32.8 32.8 32                                 | °C. 21.8 22.25 22.5 22.6 22 20.8 21.8 21 21 22.5 20.8 21.1 21.2 21.5 20.8 21.9 6? 21.1 21.6 20.5 20.8 21.9 21.1 21.6 20.5 21.8 21.2 21.2 21.2 21.8 22.5 | °C. 30.4 31.2 29.2 30.8 28.2 30 30 29.5 29.6 29.2 29.3 27.3 28.6 29.2 30.4 28.6 29.2 30.4 28.6 29.2 30.9 30.9 30.9                       | *C. 23.5 22.3 22.4 6 23.2 24.6 7 23.4 7 22.9 22.3 22.4 6 23.2 24.7 22.3 22.9 22.3 22.3 22.3 22.3 22.3 22.3   |

 $<sup>^{\</sup>rm a}$  The minimum temperatures of this station are not reliable, they are lower of about  $0.7\,^{\circ}\text{C}.$ 

Maximum and minimum temperatures at the stations of the Weather Bureau, December, 1918.—Cont.

<sup>&</sup>lt;sup>a</sup> The thermometer shelter of this station was destroyed during a typhoon on December 24, 1918.

#### METEOROLOGICAL BULLETIN.

#### Maximum and minimum temperatures at the stations of the Weather Bureau, December, 1918—Cont.

| _       | Vi   | rac.   | Na  | ga.a  | Tig   | aon.  | Bata  | ngas.  | Luc  | ena.  | Atim  | onan.  |   | ulong,<br>auan.  |  | ıbang,<br>ımba.   |
|---------|--|--|---|---|---|---|---|--|--|---|---|--|---|--|--|---|
| Day.    | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  |   |
| 1       | 31. 7<br>27. 9<br>29. 8<br>31<br>30. 9<br>30. 8<br>31. 3<br>31. 3<br>32. 3<br>30. 3<br>30. 7<br>30. 7<br>30. 6<br>30. 3<br>29. 7<br>30. 5<br>29. 2<br>29. 6<br>31. 4<br>28. 8<br>28. 5 | *C. 21 20.5 21.8 21.9 22.3 21.2 20.8 20.9 20.2 21.7 21.4 22.2 23.2 22.4 22.9 21.2 20.4 21.7 20.4 21.7 20.4 21.7 20.4 21.7 20.4 21.7 20.5 | *C. 30, 8 30 31 29, 5 28, 8 31, 1 30, 6 31, 1 31, 1 31, 1 31, 4 30 33, 1 39, 5 30, 6 27, 5 30, 6 29, 1 27, 9 26, 6 30 31 30, 1 27, 9 30 | *C. 20.1 17.5 21.8 20.9 22.9 19.6 16.1 17.5 15.9 16.8 17.4 18.6 16.4 18.6 16.4 18.7 21.4 21.4 21.4 21.4 21.7 19.6 21.7      | *C. 31. 2 31. 1 30. 8 30 29. 4 31. 3 30. 5 30. 6 30. 9 31. 2 31. 5 30. 7 29. 4 30. 9 30. 6 31. 1 29 28. 8 30. 4 29. 2 29. 2 27. 8 28. 9 30. 3 29. 4 29. 2 | *C. 20. 6 19. 3 22. 6 21. 9 22. 9 22. 9 21. 4 21. 3 19. 2 19. 1 20 19. 9 22. 5 20. 6 20. 4 20. 3 19. 6 17. 9 18. 7 20. 3 19. 6 22. 22 22. 6 22. 1 22. 1 22. 8 19. 8 22. 6 19. 6 | °C. 32.3 33.1 31.7 30.1 30.1 31.3 31.5 31.8 32.2 32.2 32.2 33.2 23.3 32.3 32.3 32   | *C. 19.5 20.4 22.6 20.2 22.8 21.6 19.8 19.8 20.8 20.8 20.1 22.1 22.1 22.1 22.1 22.1 23 22.2 20.6 22.3 19.4 16.7 19.87 23.8 23.6 22.7 22.7 22.7 22.7 23.8 | °C. 629 29 29 29 29. 4 28. 6 30 4 29. 5 30 28. 3 29 29 27. 5 30. 5 25. 9 27. 5 30. 5 28. 2 29. 2 29. 2 29. 2 29. 2 29. 2 29. 2 29. 2 29. 2 29. 2 29. 2 29. 2 28. 8 2 28. 2 2 29. 2 2 28. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | °C. 23.6 22.2 22.8 22.8 21.2 21.2 21.6 21.8 20.6 22.9 22.1 22.8 22.5 21.3 22 20.4 21.7 22.6 21.7 22.7 20.1 24.7 22.4 7 22.2 24.5 21.9 | •C. 28. 3 27. 6 27. 8 28. 1 27. 8 28. 6 27. 8 28. 1 27. 8 28. 6 27. 8 28. 6 27. 8 28. 3 26. 4 29. 1 28. 6 27. 8 27. 5 27. 5 27. 9 27. 4 28. 1 28. 6 27. 8 29. 4 27. 4 27. 4 27. 4 27. 4 27. 4 27. 4 27. 4 27. 4 27. 4 27. 4 | °C. 25. 5 22. 4 23. 4 24. 5 24. 9 25. 4 24. 7 24. 7 23. 8 23. 8 24. 6 24. 7 21 24. 6 22. 8 25. 1 25. 1 26. 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 22. 8 23. 8 22. 8 23. 8   | *C. 31. 2 30. 4 30. 2 30. 2 30. 2 30. 2 30. 3 30. 5 31. 2 27. 8 29. 5 31. 4 30. 2 29. 9 30. 3 30. 3 30. 3 30. 3 30. 3 30. 3                               | *C. 422. 5 23. 1 22. 3 22. 3 22. 4 21. 9 21. 9 21. 9 22. 4 21. 8 23. 1 23. 2 21. 6 22. 7 22. 1 21. 9 20. 9 18. 7 22. 1 18. 2 20. 6 28. 1 23. 2 22. 24. 7 23. 2 | *C. 31. 5 31. 6 31. 5 29. 9 30. 1 30. 6 30. 5 30. 8 30. 9 31. 4 29 31 31. 2 30. 8 30. 7 30. 9 31. 3 30. 9 31. 1 31. 3 30. 9 31. 3 30. 9 31. 3 30. 9 30. 8 31. 3 30. 9 30. 8 30. 9 30. 9 30. 8 30. 8 30. 9 30. 8 30. 9 30. 8 30. 8 30. 9 30. 8 30. 8 30. 9 30. 8 30. 8 30. 9 30. 8 30. 9 30. 8 30. 8 30. 9 30. 8 30. 8 30. 9 30. 8 30. 8 30. 8 30. 9 30. 8 30. 8 30. 8 30. 9 30. 8 30. 9 30. 8 30. 8 30. 9 30. 8 30. 8 30. 9 30. 8 30. 8 30. 9 30. 8 30. 8 30. 9 30. 8 30. 8 30. 9 30. 8 30. 8 30. 9 30. 8 30. 8 30. 9 30. 8 30. 8 30. 9 30. 8 30. 8 30. 8 30. 9 30. 8 30. 8 30. 9 30. 8 30. 9 30. 8 30. 8 30. 9 30. 8 30. 8 30. 9 30. 8 30. 9 30. 8 30 | °C. 22 20.6 22.1.5 21.3 19.4 19 20.1? 20.4 19 18.9? 22.4 21 19.8 19.8 19.9 18.8? 21 19.8 19.9 18.6 21.6 22.5 22   |
| 31 Mean | 30.3   | 20 21.5  | 32 30.4   | 18.2  | 30.5  | 19.2  | 31. 2   | 22.3   | 28.3   | 22. 7<br>22. 1  | 27.6  | 23.4   | 28.7  | 22.9   | 30. 5  | 20.5  |
|         | Para   | cale.  | Santa<br>Lag  | Cruz,<br>una.   | Mar   | nila.   | Anti  | polo.  | Ik   | )a.   | San I   | sidro.   | Tar   | lac.   | Ba   | ler.  |
| Day.    | Maxi-<br>mum.  | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.   | Mini-<br>mum.  | Maxi-<br>mum.  | Mini-<br>mum.   |
| 1       | •C. 29.3 27.8 29.2 27.9 28.2 29.8 29.2 29.8 29.7 27.5 29.6 28.6 28.6 530.1 28 29.7 26.5 28.6 627.4 29.2 8.8  | °C. 25.8 24.1 24.5 24.7 25.2 23.8 23.8 25.5 23.8 25.5 24.6 23.2 24.6 23.9 23.6 22.2 23.7 24.6 22.6 6 22.6                                | °C. 30.4 30 29.5 29.6 29.4 30 29.8 30 29.8 30 29.6 30.3 30.3 30.6 29.7 29.6 30.4 29.8 29.3 30.5 29.8 29.8 29.8 29.8 29.8                | °C. 21 21.6 22.9 23.6 22.1 9 20.2 20.9 19.8 21.7 23.5 21.8 22.2 20.6 22.1 18.2 21.3 20.2 20.9 20.9 20.9 20.9 20.9 20.9 20.9 | *C. 31.1 30.5 31.6 32.3 30.8 30.8 30.8 31.2 30.5 31.3 29.7 31.9 30.4 32.1 32 30.5 32.2 31.3 29.8 30.1 30.5 32.2 31.3 32.9 30.4 32.1 30.5 30.4             | °C. 18.5 19.7 18.6 20.7 18.6 18.7 19.4 19.7 19.6 21.8 20.5 20.5 20.5 18.8 18.5 19 20.9 19.7 18.7 17.9 21.6 21.1 23 21.3 22  | °C. 33. 2 32. 9 32. 2 32. 7 31. 5 32. 6 32. 7 31. 5 32. 7 33. 6 32. 2 33. 2 32. 2 33. 2 32. 2 33. 3 33. 1 33. 5 33. 2 33. 3 33. 5 33. 3 33. 5 33. 8 | °C. 18.9 19.3 20.8 19.7 20 19.9 18 18.1 18.6 18.3 19.1 21 20 20 18 18 19.3 19.3 19.3 19.3 19.3 19.3 20 20.5 20.2 21.2 20.5 20.4 21                       | *C. 31.5 30.6 31.2 31.4 31.4 33.7 31.4 30.4 31.3 30.4 31.3 31.1 30.4 31.3 31.1 30.4 31.3 31.1 30.4 31.1 31.1 31.1 31.1 31.1 31.1 31.1 31   | °C. 20.2 19.6 21.1 22.5 22.4 23.6 20.4 17.2 21.7 17.5 18.9 19.5 20.6 21.8 17.9 19.5 18.3 17.9 19.2 23.4 25.1 20 21.1 20 21.9          | °C. 32. 4 32. 4 32. 4 31. 6 30. 9 30. 9 31. 5 31. 5 32. 4 31. 8 32. 6 31. 8 32. 6 31. 9 30. 9 31. 9 30. 5 31. 9 31. 9 31. 9 31. 9 31. 9 31. 9 31. 9 31. 9 31. 9 31. 9 31. 9 31. 9 31. 9 31. 9 31. 9 31. 9 31. 9 31. 9       | °C. 20. 4 19 21. 4 20. 6 19. 5 19 18. 2 17. 4 20. 9 18. 5 21. 2 22. 1 20. 6 20 18. 6 19. 4 19. 8 18. 8 17. 2 15. 5 19. 4 20. 2 21. 6 20. 6 | °C. 34.5 35.8 31.8 33.8 33.8 33.2 33.5 34.2 34.5 34.6 33.2 33.3 34.5 34.2 33.7 33.2 34.6 33.7 33.2 34.6 35.2 33.7 33.2 34.6 35.2 33.7 33.2 34.6 35.2 33.1 | °C. 20. 6 18. 8 22. 2 16. 5 21. 2 21 18. 7 17, 1 21. 3 21. 1 19. 5 20. 5 20. 4 20 18. 5 19. 7 18. 4 18 18. 2 18 18. 2 18 23. 6 22. 1 21, 2 20 18. 7?           | °C<br>30. 4<br>29. 7<br>29. 8<br>30. 1<br>26. 5<br>29. 8<br>30. 5<br>29. 5<br>30. 5<br>29. 5<br>30. 5<br>29. 6<br>28. 30. 1<br>29. 7<br>28. 8<br>30. 6<br>30. 5<br>29. 8   | °C. 20 19.6 22.9 20.4 21 21.4 19.4 19.1 20.7 22.3 19.1 19.1 20.4 20.4 20.7 21.9 20.1 20.4 20.7 21.9 22.3 21 20.1 20.4 20.7 20.2 21.7 22.3 21 20.1 20.4 20.7 |

a The minimum temperatures of this station are not reliable; they seem to be too low.

Maximum and minimum temperatures at the stations of the Weather Bureau, December, 1918—Cont.

| Maxi-   Mini-   mum. |   | Dagu  | ıpan.   | Boli   | nao.  | Bag   | ruio.  | San F<br>do, U   | ernan-<br>nion.  | Echa  | ıgüe.  | Can  | don.   |
|---|---|---|---|--|---|---|--|--|--|---|--|--|--|
| 1   | Day.  |   |   |  |   |   |  |  |  |   |  |  | Mini-<br>mum.  |
| Day.   | 2 3 4 5 6 6 7 7 8 9 9 10 11 11 12 12 13 14 14 15 16 16 17 18 19 20 21 18 19 20 21 1 22 23 24 24 25 26 27 28 29 30 31 31 | 32. 5<br>31. 6<br>33. 5<br>32. 8<br>34<br>33. 6<br>31. 9<br>31. 4<br>33. 6<br>31. 5<br>30. 7<br>30. 7<br>30. 7<br>32. 9<br>33. 2<br>32. 8<br>32. 7<br>32. 8<br>32. 7<br>32. 8<br>32. 7<br>32. 9<br>32. 6<br>31. 9<br>32. 6<br>31. 9<br>32. 8<br>32. 7<br>32. 8<br>32. 7<br>32. 8<br>32. 8<br>32. 7<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. 8<br>32. | 22. 8<br>20. 8<br>22. 2<br>21. 5<br>20. 5<br>21. 9<br>20. 9<br>18. 8<br>19. 1<br>20. 6<br>21<br>20. 22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2<br>2. 2 | 31. 30. 3<br>30. 4<br>31. 2<br>32. 1<br>31. 4<br>31. 2<br>30. 4<br>31. 2<br>30. 4<br>31. 7<br>29. 8<br>30. 1<br>32. 5<br>31. 8<br>32. 1<br>32. 2<br>30. 8<br>31. 3<br>32. 2<br>30. 8<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 3<br>31. 4<br>31. 3<br>31. 3<br>31. 4<br>31. 3<br>31. 4<br>31. 3<br>31. 4<br>31. 3<br>31. 3<br>31. 4<br>31. 3<br>31. 4<br>31. 3<br>31. 4<br>31. 3<br>31. 4<br>31. 3<br>31. 4<br>31. 3<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 4<br>31. 5<br>31. 4<br>31. 5<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31. 6<br>31 | 22. 4<br>22. 6<br>22. 2<br>22. 8<br>21. 1<br>22. 8<br>21. 1<br>20. 6<br>20. 6<br>20. 2<br>20. 5<br>19. 5<br>19. 5<br>21. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6<br>20. 6 | 23. 5<br>24. 4<br>25. 2<br>25. 9<br>24. 9<br>24. 9<br>24. 8<br>25. 5<br>24. 8<br>25. 5<br>24. 8<br>25. 5<br>24. 8<br>25. 5<br>24. 8<br>25. 5<br>24. 8<br>25. 5<br>24. 8<br>25. 2<br>25. 2<br>25. 3<br>26. 8<br>27. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8<br>28. 8 | 13. 9<br>13. 9<br>13. 4<br>12. 6<br>14. 3<br>12. 2<br>12. 5<br>12. 2<br>12. 3<br>14. 5<br>14. 7<br>14. 7<br>14. 7<br>14. 7<br>14. 7<br>14. 7<br>14. 7<br>14. 7<br>15. 5<br>14. 7<br>14. 7<br>15. 5<br>14. 7<br>16. 13. 9<br>17. 14. 9<br>18. 6<br>18. 9<br>18. 6<br>18. 9<br>18. 6<br>18. 9<br>18. 6<br>18. 9<br>18. 6<br>18. 6<br>18. 7<br>18. 7<br>18. 8<br>18. 9<br>18. 8<br>18. 9<br>18. 9<br>18. 9<br>18. 9<br>18. 1<br>18. 1<br>18. 1<br>18. 2<br>18. 3<br>18. 3<br>18. 3<br>18. 3<br>18. 3<br>18. 1<br>18. 5<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 7<br>18. 6<br>18. 7<br>18. 6<br>18. 7<br>18. 7<br>18. 8<br>18. 9<br>18. 9<br>18. 6<br>18. 9<br>18. 6<br>18. 6<br>18. 9<br>18. 6<br>18. 9<br>18. 6<br>18. 6<br>18. 6<br>18. 7<br>18. 6<br>18. 6<br>18. 7<br>18. 6<br>18. 7<br>18. 7<br>18. 8<br>18. 9<br>18. 6<br>18. 9<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 7<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 6<br>18. 7<br>18. 6<br>18. 6<br>18. 7<br>18. 6<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>18. 7<br>1 | 32.3<br>31.3<br>32.3<br>30.7<br>31.8<br>30.7<br>31.1<br>30.5<br>30.5<br>31.1<br>30.5<br>31.1<br>30.6<br>31.4<br>30.7<br>30.4<br>30.7<br>30.4<br>30.6<br>30.7<br>30.7<br>30.7<br>30.7<br>30.7<br>30.7<br>30.7<br>30.7 | 22. 4<br>21. 8<br>20. 5<br>20. 4<br>19. 5<br>18. 5<br>19. 5<br>17. 8<br>18. 9<br>18. 5<br>19. 6<br>20. 9<br>20. 9<br>20. 9<br>18. 6<br>19. 2<br>19. 5<br>17. 8<br>20<br>19. 5<br>17. 8<br>20<br>19. 5<br>19. 6<br>21. 19. 5<br>21. 19. 5<br>21. 19. 5<br>21. 19. 5<br>21. 19. 5<br>21. 19. 5<br>21. 19. 5<br>21. 19. 5<br>21. 19. 5<br>21. 19. 5<br>21. 19. 5<br>21. 19. 5<br>21. 19. 5<br>21. 19. 5<br>21. 19. 6<br>21. 19. 6<br>21. 19. 6<br>21. 7 | 30. 8<br>30. 7<br>28<br>28. 4<br>29<br>31. 4<br>30. 9<br>30. 4<br>31. 1<br>30. 2<br>32. 3<br>32. 5<br>30. 9<br>32. 3<br>30. 9<br>32. 3<br>30. 5<br>29. 7<br>29. 7<br>29. 7<br>29. 9<br>29. 9<br>29. 131. 1<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>27. 9<br>2 | 19, 8<br>19, 4<br>21<br>19<br>20, 5<br>19, 5<br>17, 2<br>15, 9<br>19, 8<br>21, 2<br>20, 2<br>20, 2<br>20, 2<br>20, 3<br>17, 5<br>18, 4<br>19, 1<br>11, 8<br>3<br>17<br>16, 5<br>15, 3<br>21<br>22, 2<br>20, 2<br>21, 3<br>22, 3<br>22, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, 3<br>21, | 31. 5<br>30. 9<br>31. 1<br>31. 7<br>31<br>31. 8<br>30. 8<br>31. 2<br>31. 5<br>31. 2<br>31. 5<br>31. 32<br>31. 32<br>31. 31. 8<br>31. 32<br>31. 4<br>31. 32. 6<br>31. 7<br>32. 32. 6<br>31. 7<br>32. 32. 6<br>31. 7 | 23.5<br>222<br>222<br>22.2<br>22.5<br>21.4<br>20.6<br>20.9<br>21.4<br>21.5<br>20.4<br>21.5<br>20.4<br>21.5<br>20.4<br>21.5<br>20.4<br>21.5<br>20.5<br>20.9<br>21.9<br>22.2<br>23.5<br>20.6<br>20.9<br>21.9<br>21.5<br>20.6<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20.9<br>20 |
| Maximum.   Maximum. |   |   |   | Tugue  | garao.  | La  | oag.   | Ap   | arri.  |   |  |  |  |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$  | Day.  |   |   |  |   |   |  |  |  |   |  | Maxi-<br>mum.  | Mini-<br>mum.  |
| Mean 31.2 21.5 30.7 19.8 32.1 18.7 29.5 20.3 28.4 22.2 27.3 21.8  | 2 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5   | 30.9<br>31<br>33.8<br>32.4<br>31<br>30.8<br>31.2<br>30.7<br>31.1<br>30.8<br>31.2<br>30.1<br>31.3<br>31.3<br>32.3<br>31.2<br>32.3  | 23, 21, 6<br>20, 8<br>23, 2<br>22<br>22<br>21, 7<br>20, 1<br>19, 7<br>20, 4<br>22, 3<br>21, 4<br>18, 5<br>20, 6<br>21, 5<br>22, 9<br>22, 6<br>22, 9<br>21, 3  | 30.8<br>31.7<br>31.5<br>29.9<br>30.4<br>32<br>32<br>30.8<br>32.6<br>32.7<br>31.6<br>28<br>33.2<br>31.3<br>33.2<br>31.7   | 18. 9 20 19. 5 18. 2 20. 7 18. 9 16. 8 17. 5 19. 6 21. 2 19 18. 19 19. 5 21. 2 22. 1. 5 19 18. 7 19. 6  | 32<br>27.1<br>32.4<br>31.1<br>35.3<br>34.4<br>33.2<br>33.6<br>31.5<br>31.1<br>31.3<br>30.7<br>32<br>31.1<br>32.5<br>32.5<br>31.1<br>31.9<br>31.9<br>32.1  | 17. 9<br>17. 2<br>17. 9<br>15<br>20<br>21<br>19<br>17. 7<br>17. 8<br>18. 3<br>20. 1<br>17. 7<br>15. 8<br>17. 5<br>19. 4<br>20. 7<br>19. 5<br>19. 5<br>19. 17. 5<br>19. 16. 9   | 29. 1<br>29. 3<br>30. 8<br>29. 5<br>28. 5<br>31. 3<br>30. 1<br>29. 5<br>29. 5<br>31. 1<br>31. 8<br>29. 2<br>29. 8<br>30. 1<br>29. 7<br>30. 3<br>30. 3<br>30. 3<br>30. 3  | 19.5<br>21.3<br>21<br>18.5<br>22<br>20.2<br>20.5<br>21.5<br>20.5<br>21.5<br>20.5<br>20.3<br>22.8<br>22.8<br>21.3<br>22.8<br>21.5<br>20.3<br>22.8<br>21.5<br>20.3<br>22.8<br>21.5<br>20.3<br>20.3<br>20.3<br>20.3<br>20.3<br>20.3<br>20.3<br>20.3   | 27. 8<br>27. 4<br>27. 4<br>27. 8<br>28. 2<br>30. 8<br>29. 4<br>29. 2<br>29. 4<br>28. 6<br>28. 4<br>29. 2<br>29. 8<br>29. 8<br>29. 8<br>30. 6<br>30. 6<br>30. 6<br>30. 8<br>30. 8  | 21. 6<br>22. 4<br>22. 6<br>20. 9<br>21. 6<br>22. 2<br>20. 6<br>21. 2<br>22. 2<br>23. 6<br>21. 4<br>21. 2<br>22. 4<br>23. 8<br>23. 2<br>21. 6<br>21. 4<br>21. 2<br>22. 4<br>23. 8<br>23. 2<br>21. 6<br>21. 8<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 2<br>22. 4<br>22. 2<br>22. 2<br>22. 4<br>22. 2<br>22. 4<br>22. 2<br>22. 4<br>22. 2<br>22. 4<br>22. 2<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>22. 4<br>23. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6<br>24. 6          | 25. 2<br>28. 2<br>27. 2<br>28. 4<br>28. 8<br>28. 4<br>28. 7<br>29. 2<br>29. 2<br>29. 2<br>28. 9<br>28. 6<br>29. 7<br>29. 2<br>28. 9<br>28. 6<br>29. 2<br>28. 8<br>28. 4<br>29. 2<br>28. 8                          | 21. 6<br>21. 6<br>22. 4<br>22. 5<br>21. 6?<br>22. 5<br>21. 21. 4<br>21. 5<br>22. 9<br>24. 9<br>20. 4<br>19. 9<br>22. 2<br>3. 4<br>24. 7<br>23. 4<br>23. 4<br>23. 4<br>23. 4  |

#### SEISMOLOGICAL BULLETIN FOR DECEMBER, 1918.

By Rev. MIGUEL SADERRA MASÓ, S. J.,
Chief, Seismic and Magnetic Divisions, Weather Bureau.

#### EARTHQUAKES FELT IN THE PHILIPPINES.1

- $2, 8^h 59^m 47^{s*}$  [2,  $16^h 59^m 47^s$ ]. Ambos Camarines (SE Luzon). Earthquake of intensity III.
- 2,  $10^{\text{h}}$   $34^{\text{m}}$   $28^{\text{s}*}$  [2,  $18^{\text{h}}$   $34^{\text{m}}$   $28^{\text{s}}$ ]. **SE Luzon**. Earthquake of intensity IV-V, felt through the provinces of Ambos Camarines and Albay. The epicenter seems to have been in the Pacific, NE of the said provinces.
  - 2, 21<sup>h</sup> 7<sup>m</sup> [3, 5<sup>h</sup> 7<sup>m</sup>]. Tigaon (SE Luzon). Earthquake shocks of intensity II-III.
- 4, 4<sup>h</sup> 27<sup>m</sup> 38<sup>s\*</sup> [4, 12<sup>h</sup> 27<sup>m</sup> 38<sup>s</sup>]. **SE Luzon**. Earthquake of intensity III, originated in the same region of the one felt on the 2nd, but felt only through the eastern part of Camarines and Albay.
- 6,  $16^h$   $57^m$  [7,  $0^h$   $57^m$ ]. Butuan (N Mindanao). Oscillatory earthquake of intensity III.
- 8, 13<sup>h</sup> 9<sup>m</sup> [8, 21<sup>h</sup> 9<sup>m</sup>]. Naga (SE Luzon). Earthquake of intensity III, duration 4 seconds.
- 13, 1<sup>h</sup> 47<sup>m</sup> [13, 9<sup>h</sup> 47<sup>m</sup>]. Ambos Camarines (SE Luzon). Earthquake of intensity III—IV felt only in the Isarog region.
- 13, 22<sup>h</sup> 20<sup>m</sup> 14<sup>s\*</sup> [14, 6<sup>h</sup> 20<sup>m</sup> 14<sup>s</sup>]. Samar Island. Earthquake shocks of intensity III, felt in the northern and central portion of the Island and originated in the Philippine Deep.
- 15, 8<sup>h</sup> 45<sup>m</sup> 0<sup>s\*</sup> [15, 16<sup>h</sup> 45<sup>m</sup> 0<sup>s</sup>]. Legaspi (SE Luzon). Oscillatory earthquake, direction E-W, intensity III, duration 8 seconds. Origin E of San Bernardino Strait.
- 18, 10<sup>h</sup> 32<sup>m</sup> [18, 18<sup>h</sup> 32<sup>m</sup>]. **NE Mindanao**. Earthquake of intensity III-IV, felt through the peninsula of Surigao and N portion of the Agusan Valley.
- 19, 12<sup>h</sup> 1<sup>m</sup> 8<sup>s\*</sup> [19, 20<sup>h</sup> 1<sup>m</sup> 8<sup>s</sup>]. Legaspi (SE Luzon). Oscillatory earthquake of intensity III, duration 6 seconds.
- 21, 19<sup>h</sup> 55<sup>m</sup> 0<sup>s\*</sup> [22, 3<sup>h</sup> 55<sup>m</sup> 0<sup>s</sup>]. W Mindanao. Extensive earthquake of intensity III– IV felt through the Provinces of Mindanao, Zamboanga, Lanao and Cotabato. The origin was in the Celebes sea, SW of Illana Bay.
- 22, 5<sup>h</sup> 21<sup>m</sup> [22, 13<sup>h</sup> 21<sup>m</sup>]. Aparri (NE Luzon). Oscillatory earthquake, direction N-S, intensity III-IV, duration 5 seconds.
- 23, 3<sup>h</sup> 13<sup>m</sup> 46<sup>s\*</sup> [23, 11<sup>h</sup> 13<sup>m</sup> 46<sup>s</sup>]. W. Mindanao. Earthquake of intensity III, felt only in the province of Zamboanga. Aftershock at 4<sup>h</sup> 3<sup>m</sup> [12<sup>h</sup> 3<sup>m</sup>]. Originated probably SW of Illana Bay.
- 31, 19<sup>h</sup> 50<sup>m</sup> [Jan. 1, 3<sup>h</sup> 50<sup>m</sup>]. Davao (SE Mindanao). Oscillatory earthquake of intensity III.

¹ The intensity of earthquekes is given in the notation known as the Rossi-Forel scale. The time is that indicated by the seismographs at the Central Observatory whenever the disturbance has been registered by them. This fact is denoted by an asterisk (\*). Otherwise the time is that noted by the observer who sent the report. All time indications are in Greenwich mean time (midnight= $0^{h}$ ), insular time being added in brackets for the convenience of Philippine readers.

#### BULLETIN FOR DECEMBER, 1918.

#### RECORDS OF THE MICROSEISMOGRAPH.

[Time: Greenwich mean. Midnight=0b. Instrument: Wiechert seismograph; 1,000 kilograms.  $A_N$ : To=6.62,  $\epsilon$ =2.726,  $\frac{r}{To^2}$ =0.021;  $A_E$ : To=6.03,  $\epsilon$ =2.378,  $\frac{r}{To^2}$ =0.037. Alluvium. 2.40 meters above sea level.]

|             |       |            |   |                  |  |                                  | Ampl                | itude.                 |  |
|-------------|-------|------------|---|------------------|--|----------------------------------|---------------------|------------------------|--|
| No.         | Date. | Character. | Phase.  | Hou              | ır.  | Period.                          | A <sub>N</sub><br>μ | $A_{\mathbf{E}}$ $\mu$ | Remarks.   |
| 478         | 1     | Iv         | $\begin{array}{c} {\rm eP} \\ {\rm L} \\ {\rm M_E} \\ {\rm M_N} \\ {\rm F} \end{array}$   | 1 0 0            | n. s.<br>04 00<br>04 30<br>04 47<br>04 50          | 3 4                              | 111                 | 99                     |  |
| 479         | 1     | Ir         | $\begin{array}{c}\mathbf{e}\\\mathbf{S}\\\mathbf{L}\\\mathbf{M_{E1}}\\\mathbf{M_{N1}}\\\mathbf{M_{N2}}\\\mathbf{M_{E2}}\\\mathbf{F}\end{array}$   | 5<br>5<br>5<br>5 | 19 22<br>53 30<br>55 00<br>55 26<br>57 07<br>57 40 | 9 9 8 7                          | 56 34               | 42                     |  |
| 480         | 1     | Ιv         | eP<br>F   | 3 3              | 34 16<br>38  |                                  | ·                   |                        | Merged into the preceding quake.                 |
| 481         | 1     | Ιτ         | $\begin{array}{c} \mathbf{eP} \\ \mathbf{L} \\ \mathbf{M_E} \\ \mathbf{F} \end{array}$  | 4                | 13 44<br>14 04<br>14 06<br>18                      | 2                                |                     | 110                    |  |
| 482         | 2     | Ιv         | eP<br>F   | 8 5<br>9 0       | 59 <b>47</b><br>)4                                 |                                  |                     |                        | SE Luzon.  |
| 483         | 2     | Ir         | eР  | 10 0             | 7 30   |                                  |                     |                        | F on next record.                                |
| 484         | 2     | Ιv         | ${f _L^e} \ {f M_E} \ {f M_N}$  | 3                | 34 28<br>35 09<br>35 26<br>35 34                   | 3 3                              | 193                 | 277                    | SE Luzon. End overtaken by following earthquake. |
| 485         | 2     | I▼         | eP<br>L   | 10 4             | 12 12<br>12 41                                     |                                  |                     |                        | F not discernible.                               |
| 486         | 2     | Iu         | $egin{array}{l} { m e?} & { m ME1} & { m MN1} & { m ME2} & { m MN2} & { m F} & { m$ | 1<br>1<br>12 (   | 12 44<br>14 22<br>14 23<br>15 38<br>04             | 24<br>17<br>19<br>19             | 34                  | 23                     |  |
| 487         | 3     | I⋆         | eP<br>F   | 12 2             | 27 28<br>35  |                                  |                     |                        |  |
| 488         | 3     | I▼         | eP<br>L<br>F  | 17 5<br>18 2     | 54 35<br>56 00<br>22                               |                                  |                     |                        |  |
| <b>4</b> 89 | 3     | Ir         | e<br>F  | 23               | 12 46<br>58  |                                  |                     |                        |  |
| 490         | 4     | Iv         | $\begin{array}{c} \mathbf{eP} \\ \mathbf{L} \\ \mathbf{M_N} \\ \mathbf{M_E} \\ \mathbf{F} \end{array}$  | 2                | 27 38<br>28 25<br>28 39<br>28 44<br>45             | 4 4                              | 144                 | 158                    | SE Luzon.  |
| 491         | 4     | IIu        | eP<br>iE<br>iN<br>eS<br>eL<br>ME1<br>MM1<br>ME2<br>MM2<br>ME3<br>MM3<br>CF  | 12 (             | 08 04<br>10 04<br>11 03                            | 24<br>26<br>22<br>23<br>20<br>20 | 36 50 41            | 42 41 62               | Chile.   |
| 492         | 4     | Ir         | e<br>F  | 18               |  |                                  |                     | -                      | -  |

#### SEISMOLOGICAL BULLETIN.

Records of the microseismograph—Continued.

|             |       |           |  |                       |                      |       | Amp  | litude.             |   |
|-------------|-------|-----------|--|-----------------------|----------------------|-------|--|---------------------|---|
| No.         | Date. | Character | Phase.   | Hour.                 | Per                  | riod. | $egin{aligned} \mathbf{A_N} \ \mu \end{aligned}$ | A <sub>E</sub><br>μ | Remarks.                                  |
| 493         | 5     | I≠        | eP<br>L<br>M <sub>N</sub>  | 53<br>53              | 12                   | 4     | 44   |                     |   |
|             |       | _         | F  | 10 00                 |                      |       |  |                     |   |
| 494         | 6     | Ir        | e<br>F   | 7 42<br>8 11          |                      |       |  |                     |   |
| 495         | 6     | Iu        | $\overset{\mathbf{e}}{\mathbf{F}}$   | 8 54<br>10 15         |                      |       |  |                     | ·   |
| <b>49</b> 6 | 6     | Ιv        | eP<br>F  | 21 11<br>14           | 32                   |       |  |                     | . 13                                      |
| 497         | 6     | I▼        | eP<br>L<br>M <sub>N</sub>  | 21 <b>5</b> 5 55      | 32                   |       |  |                     |   |
|             |       |           | F  | 22 02                 | 53                   | 2     |  |                     |   |
| 498         | 7     | Ir        | e<br>F   | 12 04<br>46           |                      |       |  |                     |   |
| 499         | 7     | Ιv        | eP<br>F  | 22 26                 |                      |       |  |                     |   |
| 500         | 9     | Ir        | eP<br>F  |                       | 49                   |       |  |                     |   |
| 501         | 9     | Ir        |  | 55<br>18 14           | ,                    |       |  |                     | End overtaken by following earthquake.    |
| 901         | 3     | IF .      | e<br>L   | 22                    |                      |       |  |                     | Did over taken by following ear tinquake. |
| 502         | 9     | Ir        | ${f L} \\ {f M_E} \\ {f M_N}$  | 11<br>12              | 46                   | 7 7   |  | 22                  |   |
|             |       |           | F  | 13<br>20 18           | 05                   |       | 23   |                     |   |
| 503         | 9     | Ιv        | eP<br>F  | 20 47<br>53           |                      |       |  |                     |   |
| 504         | 10    | Ir        | e<br>F   | 17 08 3<br>46         | 31                   |       |  |                     |   |
| 505         | 11    | Ιv        | $^{\rm eP}_{\rm L} \\ {\rm M_E}$   | 10 04 5<br>05         | į                    |       |  | 33                  |   |
| 506         | 11    | lv        | F<br>eP  | 24                    | 16                   | !     |  |                     |   |
|             |       |           | F  | 15 11                 |                      |       |  |                     |   |
| 507         | 12    | IIv       | $\begin{array}{c} \mathbf{eP} \\ \mathbf{L} \\ \mathbf{M_E} \\ \mathbf{M_N} \\ \mathbf{F} \end{array}$ | 39 4<br>40 4          | 57<br>40<br>41<br>48 |       | 686  | 1, 260              |   |
| 508         | 13    | I•        | e<br>F   |                       | 52                   |       |  |                     |   |
| 509         | 13    | Ιv        | eР   | 22 20 1               | 14                   |       |  |                     | Samar Island.                             |
| 510         | 14    | Iv        | F<br>eP<br>F   | 33<br>16 01 2<br>25   | 26                   |       |  |                     |   |
| 511         | 14    | Ir        | e<br>L   | 18 48 2               |                      |       |  |                     |   |
|             |       |           | M <sub>E</sub><br>F  | 55 4<br>56 1<br>19 32 | 18                   | 6 -   |  | 96                  |   |
| 512         | 15    | Ιv        | eP<br>F  | 8 <b>45</b> 0 51      | 00                   |       |  |                     | SE Luzon.                                 |
| 513         | 16    | Ir        | e<br>F   | 3 14 2<br>51          | 3                    |       |  |                     |   |
| 514         | 16    | Ir        | e<br>F   | 10 14 1<br>28         | 7                    |       |  |                     | N Formosa.                                |
| 515         | 16    | Ir        | e<br>F   | 21 24 0<br>49         | 0                    |       |  |                     |   |
| 516         | 18    | Iv        | eP<br>F  | 15 17 1<br>20         | 5                    |       |  |                     |   |

165418----2

#### BULLETIN FOR DECEMBER, 1918.

#### Records of the microseismograph—Continued.

| į           |            |            |                           |          |                         |         | Ampl                | itude.  |                     |
|-------------|------------|------------|---------------------------|----------|-------------------------|---------|---------------------|---|---------------------|
| No.         | Date.      | Character. | Phase.                    | Но       | ur.                     | Period. | A <sub>N</sub><br>μ | $egin{array}{c} \mathbf{A_E} \ \mu \end{array}$ | Remarks.            |
| 517         | 18         | Ιv         | eP<br>L                   |          | 20 08                   | 3       |                     |   |                     |
|             |            |            | M <sub>N</sub><br>F       |          | 20 38<br>41             | 7       | 41                  |   |                     |
| <b>51</b> 8 | 18         | Ir         | e<br>F                    | 21<br>22 | 41<br>14                |         |                     |   |                     |
| 519         | 19         | Iv         | eP<br>F                   |          | 01 08<br>09             | 3       |                     |   | Legaspi (SE Luzon). |
| 520         | 20         | Ιv         | eP<br>F                   |          | 36 42<br>41             | 2       |                     |   |                     |
| 521         | 21         | Ιv         | eP<br>F                   | 4        | 41 32<br>55             | 2       |                     |   |                     |
| 522         | 21         | Iv         | eP<br>F                   | 19<br>20 | 55 00<br>06             |         |                     |   | W Mindanao.         |
| 523         | 22         | Ιv         | eP<br>F                   | 17       | 26 38<br>29             |         |                     |   |                     |
| 524         | 23         | Iv         | eP<br>L<br>M <sub>N</sub> |          | 13 40<br>15 03<br>15 13 | 8       | 53                  |   | W Mindanao.         |
|             |            |            | M <sub>E</sub><br>F       |          | 15 15<br>26             |         |                     | 34  |                     |
| 525         | 23         | Iv         | eP<br>F                   | 3        | 55 - 40<br>59           | 6       |                     |   |                     |
| 526         | 23         | Ιv         | eP<br>F                   | 4        | 42 5<br>48              | 2       |                     |   |                     |
| 527         | 25         | Ir         | e<br>F                    | 10       | 28<br>48                |         |                     |   | •                   |
| <b>52</b> 8 | <b>2</b> 8 | Iv         | eP<br>F                   | 8        | 10 1<br>21              |         |                     |   |                     |
| 529         | 30         | Ir         | e<br>F                    | 7        | 25<br>49                |         |                     |   |                     |
| <b>53</b> 0 | 31         | Ιν         | eP<br>F                   | 22       | 07 2<br>14              | 0       |                     |   |                     |

#### TEMBLORES DE TIERRA SENTIDOS EN FILIPINAS.1

- 2, 8<sup>h</sup> 59<sup>m</sup> 47<sup>s\*</sup> [2, 16<sup>h</sup> 59<sup>m</sup> 47<sup>s</sup>]. Ambos Camarines (SE de Luzón). Temblor de tierra de intensidad III.
- 2, 10<sup>h</sup> 34<sup>m</sup> 28<sup>s\*</sup> [2, 18<sup>h</sup> 34<sup>m</sup> 28<sup>s</sup>]. **SE** de Luzón. Temblor de tierra de intensidad IV-V, sentido en toda la Provincia de Camarines y en la de Albay. Su epicentro se hallaba al parecer en el Pacífico al NE de las expresadas provincias.
- 2,  $21^h$   $7^m$  [3,  $5^h$   $7^m$ ]. Tigaon (SE de Luzón). Temblor de tierra de intensidad II-III.
- 4, 4<sup>h</sup> 27<sup>m</sup> 38<sup>s\*</sup> [4, 12<sup>h</sup> 27<sup>m</sup> 38<sup>s</sup>]. **SE** de Luzón. Temblor de intensidad III, originado en la misma región que el del día 2 y sentido tan sólo en la parte más oriental de Camarines y Albay.
- 6,  $16^h$   $57^m$  [7,  $0^h$   $57^m$ ]. Butúan (N de Mindanao). Temblor oscilatorio de intensidad III.
- 8, 13<sup>h</sup> 9<sup>m</sup> [8, 21<sup>h</sup> 9<sup>m</sup>]. Naga (SE de Luzón). Temblor de tierra de intensidad III, duración 4 segundos.
- 13, 1<sup>h</sup> 47<sup>m</sup> [13, 9<sup>h</sup> 47<sup>m</sup>]. Ambos Camarines (SE de Luzón). Temblor de tierra de intensidad III-IV sentido solamente en la región del Isarog.
- 13, 22<sup>h</sup> 20<sup>m</sup> 14<sup>s\*</sup> [14, 6<sup>h</sup> 20<sup>m</sup> 14<sup>s</sup>]. Isla de Sámar. Temblor de tierra de intensidad III, originado en el Abismo de Filipinas y sentido en la parte N y central de la isla.
- 15, 8<sup>h</sup> 45<sup>m</sup> 0<sup>s\*</sup> [15, 16<sup>h</sup> 45<sup>m</sup> 0<sup>s</sup>]. Legaspi (SE de Luzón). Temblor oscilatorio, dirección E–W, intensidad III, duración 8 segundos. Originado al E del Estrecho de San Bernardino.
- 18, 10<sup>h</sup> 32<sup>m</sup> [18, 18<sup>h</sup> 32<sup>m</sup>]. **NE** de Mindanao. Temblor de tierra de intensidad III-IV sentido en toda la península de Surigao y en la parte N del Valle del Agusan.
- 19,  $12^h$   $1^m$   $8^{s*}$  [19,  $20^h$   $1^m$   $8^s$ ]. Legaspi (SE de Luzón). Temblor oscilatorio, intensidad III, duración 6 segundos.
- 21, 19<sup>h</sup> 55<sup>m</sup> 0<sup>s\*</sup> [22, 3<sup>h</sup> 55<sup>m</sup> 0<sup>s</sup>]. W de Mindanao. Temblor de tierra de intensidad III-IV en toda la parte de Mindanao comprendida por los distritos de Zamboanga, Lanao y Cotabato. Su epicentro se hallaba en el mar de Célebes al SW de la Bahía Illana.
- 22, 5<sup>h</sup> 21<sup>m</sup> [22, 13<sup>h</sup> 21<sup>m</sup>]. Aparri (NE de Luzón). Temblor oscilatorio, dirección N-S, intensidad III-IV, duración 5 segundos.
- 23, 3<sup>h</sup> 13<sup>m</sup> 46<sup>s\*</sup> [2<sup>h</sup>, 11<sup>m</sup> 13<sup>m</sup> 46<sup>s</sup>]. W de Mindanao. Temblor de tierra de intensidad III sentido solamente en el distrito de Zamboanga. Repitió con menos intensidad a 4<sup>h</sup> 3<sup>m</sup> [12<sup>h</sup> 3<sup>m</sup>]. Probablemente el origen se hallaba también en el mar como el del día 21.
- 31,  $19^h$   $50^m$  [Enero 1,  $3^h$   $50^m$ ]. Davao (SE de Mindanao). Temblor oscilatorio de intensidad III.

¹La intensidad de los terremotos se indica conforme a la conocida escala de Rossi-Forel. Cuanto a la hora de su ocurrencia, adoptamos la indicada por los sismógrafos de este Observatorio siempre que los hayan registrado, distinguiéndola por medio de un asterisco (\*). En caso contrario copiamos la apuntada por los observadores que nos envían las notas. Todas las indicaciones del tiempo se refieren al tiempo medio de Greenwich (medianoche=0¹). Para conveniencia de los lectores de Filipinas se añade también el tiempo insular.

# APPENDIX TO THE MONTHLY BULLETINS FOR 1918.

# ANNUAL SUMMARY OF METEOROLOGICAL DATA FOR MANILA DEDUCTED FROM TWENTY-FOUR DAILY OBSERVATIONS DURING THE YEAR 1918.

|   | Press  | sure.  |   |   |   |   |  | Air  | temp  | erature  |   |  |  |  |
|---|--|--|---|---|---|---|--|--|---|--|---|--|--|--|
| . Month.  | Mean.  | Departure from normal.   | Mean.   | Depar<br>ture<br>from<br>normal   | ma  | ean<br>ixi-<br>im.  | Depar-<br>ture<br>from<br>normal                         | n  | lean<br>nini-<br>num.   | Depar<br>ture<br>from<br>norma   | lute<br>maxi  | Day.   | Absolute minimum.  | Day.   |
| January February March April May June July August September October November December | mm. 760.73 60.93 60.40 58.96 58.17 57.10 56.48 57.89 58.03 57.98 60.71 | mm0.40291140177978 +.55 +.5962 +1.33 +.41                      | °C. 23. 1 23. 9 25. 2 26. 9 28. 1 27. 2 26. 9 26. 8 26. 4 25. 2 24. 5 | *C1.3 -1.4 -1.2315776   |   | C. 28. 5 29. 4 31. 6 33. 4 34 32. 5 30. 6 30. 5 30. 6 30. 7                       | °C1.5 -1.485 + .433 + .8 + .7                            |  | °C.<br>19. 1<br>19. 5<br>20<br>21. 5<br>23. 3<br>23. 6<br>24. 3<br>23. 5<br>23. 5<br>23. 5<br>21<br>19. 8 | °C1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.  | 32. 32. 35. 35. 35. 35. 35. 32. 32. 32. 32. 32. 33.   | 3 26<br>4 25<br>4 19<br>1 18<br>2 31<br>2 32<br>3 25<br>9 27       | 15. 7<br>17. 8<br>18. 8<br>20. 6<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>22. 8<br>23. 8<br>24. 8<br>25. 8<br>26. 8<br>27. 8<br>28. 8<br>29. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20. 9<br>20 | 24<br>4<br>6<br>1<br>9,24<br>16<br>2<br>17<br>21                                 |
| Annual  | 759.01   | -0.05  | 25. 9   | -0.7  | 1   | 31.1  | 0.3  |  | 21.9  | -0.6   | 35.   | 4 {IV, 29<br>V, 19   |  | I, 23<br>II, 24  |
|   |  |  | Win   | d.  |   |   |  |  | Relat<br>umid   |  | Vapor   | pressure.  | Cloud  | diness.  |
| Month.  | Prevailing<br>direction  |  | Dej<br>tu<br>fr   | om n  | ourly<br>naxi-<br>num.  | at th<br>of<br>max  | ection<br>ne time<br>the<br>imum<br>ocity.               | Mea  | ın.   | Depar-<br>ture<br>from<br>normal.  | Mean.   | Departure from normal.   | Mean.  | Depar-<br>ture<br>from<br>normal.  |
| January February March April May June July August September October November December | NE quadran E quadran SE ESE E quadran SW SW SW SW SW Guadran           | nt. 4,679 5,689 6,059 6,553 6,624 12,875 7,974 8,425 nt. 6,348 | $\begin{array}{cccccccccccccccccccccccccccccccccccc$                  | 228. 4<br>777. 1<br>.08. 8<br>112. 8<br>181. 2<br>92. 1<br>.98. 8<br>.76. 2<br>.55. 6<br>.69. 8 | Km.<br>27. 5<br>32<br>25<br>28<br>35<br>67<br>42<br>39<br>37. 5<br>47<br>25<br>35 | W<br>S<br>SW<br>SW  | NE<br>NE<br>NE<br>NE<br>NE<br>NE<br>NE<br>NE<br>NE<br>NE | 77<br>77<br>77<br>88<br>88<br>88<br>88   | 7. 5<br>4. 6<br>4   | $P. \ ct. \\ -0.6 \\ + .6 \\ +2.3 \\ +1.9 \\ +1.5 \\ +2.4 \\ +9 \\ +2.3 \\ + .6 \\4$ | mm. 16. 1 16. 4 17. 4 18. 4 20. 7 22 22. 7 22. 3 22. 6 21. 9 19. 6 18. 3                                | mm2.0 -1.1 -1.17 -193 +.31 +.2 +.379                               | 0-10.<br>7. 5<br>7. 1<br>4. 7<br>4. 8<br>5. 4<br>7. 7<br>8. 4<br>8. 2<br>7. 4<br>4. 6<br>5. 7  | 0-10.<br>+2.0<br>+2.1<br>+.2<br>+.7<br>3<br>+.7<br>+.6<br>+.3<br>4<br>+.8<br>1.7 |
| Annual  |  | 77, 441  | .0 -1,4   | 21.0  | 67  |   |  | 8  | 0.5   | +0.9   | 19.9  | -0.6   | 6.6  | -0.4   |
|   | Evar   | oration.   |   | Suns  | hine.   |   |  |  |   |  | Rainfa  | dl.  |  |  |
| Month.  | Free exposure total.   | Unde<br>shelte<br>tota   | er,   | Fotal.  | fr  | rture<br>om<br>m <b>a</b> l.  | Tota   | al.  |   | from in  | reatest<br>single<br>day.   | Day.   | Rainy<br>days.   | Depar-<br>ture from<br>normal.   |
| January February March April May June July August September October November December | 117.9<br>160.8<br>177.9<br>162.2<br>88.8<br>86.8<br>77.4<br>79.8       | 8 10 12 12 11 15 16 16 16 16 16 16 16 16 16 16 16 16 16        | 2.3<br>3.1<br>8.9<br>7.8<br>5.6<br>1.4<br>8.2<br>7.1<br>2.4<br>8.2    | h. m. 116 35 123 25 212 232 20 240 15 129 15 107 40 147 50 140 05 140 15 210 35 170 45          | $\begin{array}{c} h \\ -6 \\ -7 \\ -2 \\ -2 \\ +4 \\ -3 \\ +4 \\ +1 \end{array}$  | 56 59<br>71 49<br>23 21<br>28 28<br>9 54<br>11 40<br>5 59<br>5 46<br>5 17<br>7 19 | 22<br>22<br>62<br>48<br>33<br>32                         | 3. 2<br>1. 8<br>27. 8<br>10. 2<br>33. 3<br>24. 7<br>21. 9<br>33. 7<br>88. 3<br>23. 5<br>1. 8<br>9. 1 | + - 2<br>- 2<br>- +21<br>+12<br>- 3<br>+13  | 23. 3<br>8. 5<br>9<br>23. 9<br>21. 6<br>9. 4<br>18. 5<br>20. 3<br>31. 5              | 2. 2<br>1. 3<br>25. 9<br>4. 5<br>22. 6<br>88. 4<br>271. 5<br>135. 7<br>66. 3<br>194. 3<br>4. 5<br>17. 7 | 12<br>3<br>10<br>25<br>27<br>29<br>9<br>11<br>11<br>15<br>15<br>26 | 2<br>2<br>3<br>3<br>13<br>17<br>25<br>21<br>24<br>18<br>10<br>8  | -3 -1 0 -1 +3 +1 +4 -1 +3 +1 -2 -1   |
| Annual  | 1, 327. 7  | 95   | 1.1 1,  | 971 00  | 20  | 8 24  | 2, 15  | 9.3  | +21   | 3. 9   | 271.5   | VII,9  | 146  | +3   |

## CATALOGUE OF PHILIPPINE EARTHQUAKES, 1918.

| Date.                 | Time of occurrence.              | Place.  |                  | e origin or<br>enter. | extensi         | oximate<br>on of the<br>n area. | Intensi-<br>ty (Rossi-            | Remarks.   |
|-----------------------|----------------------------------|---|------------------|-----------------------|-----------------|---------------------------------|-----------------------------------|--|
|                       | wich<br>mean<br>time.)           |   | φ                | λ                     | Longer<br>axis. | Shorter axis.                   | Forel.)                           |  |
| Jan. 2                | h. m.<br>23 02<br>13 09          | Cape Bojeador (NW Luzon)<br>S Luzon and Mindoro   | 0<br>12.5 N      | ° 120. 5 E            | <i>Km</i> .     | Km.                             | IV<br>V                           | Registered in the Far East   |
| 4 7                   | 17 39<br>18 49                   | Camarines (SE Luzon)<br>Camarines (SE Luzon)  |                  |                       |                 |                                 | III<br>III                        | Many aftershocks on the 3d and<br>4th.<br>Registered at Manila.<br>Registered at Manila. |
| 8<br>9<br>10          | 6 39<br>11 27<br>12 42           | Legaspi (SE Luzon)  Cotabato (SW Mindanao)  Ormoc (W Leyte)  W Luzon  SE Luzon  Ormoc (W Leyte)  E Vicayas and Mindanao | 7.4 N            | 124. 5 E              | ·               |                                 | II-III<br>IV<br>III               | •  |
| 15<br>16<br>17<br>24  | 19 22<br>6 01<br>14 05<br>3 02   | W Luzon SE Luzon Ormoc (W Leyte) E Visavas and Mindanao   | 17.3 N<br>13.5 N | 120. 0 E<br>124. 5 E  | 400<br>200      | 150                             | IV<br>IV<br>III<br>IV-V           | Registered at Manila. Registered at Manila. Registered in the Far East.                  |
| 30<br>Feb. 1          | 9 13                             | E Visayas and Mindanao<br>Legaspi (SE Luzon)<br>Surigao (NE Mindanao)   |                  |                       |                 |                                 | III                               | registered in the Far Bast.  |
| 4<br>4<br>7<br>13     | 3 34<br>16 55<br>5 23<br>9 06    | Dapitan (NW Mindanao) Naga (SE Luzon) E Mindanao Legaspi (SE Luzon)   | 8. 0 N           | 127. 0 E              | 600             | 400                             | VI-VII                            | Registered all over the world.<br>Registered at Manila.                                  |
| 15<br>17<br>19        | 2 34<br>8 07<br>6 09             | Aparri (NE Luzon)  Masbate Island  Baguio (W Luzon)   | 12.8 N           | 123. 0 E              |                 |                                 | III<br>III<br>II-III              | Registered at Manila.<br>Registered at Manila.   |
| 22<br>23<br>23<br>24  | 12 33<br>11 40<br>13 30<br>9 03  | Samar Island Yap (Western Carolines) Surigao (NE Mindanao) Cape Bojeador (NW Luzon)                                     |                  |                       | <b></b>         |                                 | III                               | Registered at Manila.  |
| 24<br>24<br>25<br>27  | 11 23<br>18 30<br>10 30<br>21 35 | Dapitan (NW Mindanao)<br>Cuyo Island<br>Yap (Western Carolines)<br>Butuan (N Mindanao)                                  |                  |                       | <br> <br>       |                                 | II-III<br>III-IV<br>II-III        |  |
| 28<br>Mar. 2<br>9     | 8 49<br>13 31<br>8 17            | Surigao (NE Mindanao)<br>Cuyo Island<br>Samar, Leyteand NE Mindanao   |                  |                       |                 |                                 | II-III                            | Registered at Manila.<br>Registered at Manila. Afte                                      |
| 9<br>10<br>17<br>19   | 23 01<br>10 24<br>1 54<br>5 53   | Butuan (N Mindanao)   |                  |                       |                 |                                 | III<br>IV                         | shocks at 8h 29m and 8h 35m.   |
| 20<br>20              | 10 33<br>11 50                   | Cape Bojeador (NW Luzon) Guam (Mariana Islands) Camarines (SE Luzon) Baguio (W Luzon)                                   |                  |                       | 4               | 1                               | !!!                               | Registered at Manila.  |
| Apr. 2<br>2<br>4<br>6 | 5 06<br>9 35<br>17 47<br>4 26    | Butuan (N Mindanao)<br>Nueva Vizcaya (Central Luzon)<br>Baguio (W Luzon)<br>E Mindanao                                  |                  |                       |                 |                                 | II-III<br>III-IV<br>II-III<br>III | Registered at Manila. Registered at Manila. Origi: Philippine Deep.                      |
| 8<br>10<br>14<br>15   | 17 36<br>21 10<br>10 42<br>19 50 | Central Luzon E Luzon Cotabato (SW Mindanao) Surigao (NE Mindanao)  | 15 4 N           | 121.3 E               | 200             | 200<br>150                      | III-IV<br>IV-V<br>III             |  |
| 24<br>28<br>28<br>30  | 2 17<br>4 45<br>14 29<br>1 25    | SE Luzon  | 14.8 N           | 124.0 E               |                 |                                 | III-IV<br>II-III                  | Registered at Manila.  |
| Мяу 4<br>6            | 5 48<br>13 01                    |   |                  |                       |                 |                                 | IV                                | Aftershock at 13 <sup>h</sup> 10 <sup>m</sup> . Origi<br>Isarog Volcano.                 |
| 7<br>8<br>8<br>8      | 8 28<br>3 18<br>8 37<br>20 19    | Butuan (N Mindanao)<br>Basco (Batanes Islands)<br>Surigao (NE Mindanao)<br>Camiguin Island (N of Minda-                 |                  |                       |                 |                                 | II-III<br>III<br>II-III<br>III    | Aftershock at 13 <sup>h</sup> 12 <sup>m</sup> .  |
| 9<br>11<br>13         | 4 23<br>17 41<br>3 47            | nao. Camarines (SE Luzon) Butuan (N Mindanao) Dayao (SE Mindanao)   |                  | 125.0 E               |                 |                                 | II-III<br>III<br>II-III           | Origin, Isarog Volcano.  Registered at Manila.   |
| 13<br>15              | 17 25<br>16 06                   | Lanao (N Mindanao)  | 18. 5 N          | 120.2 E               |                 |                                 | IV<br>IV                          | Repeated with intensity IV-V of the 16th at 1h 38m.                                      |
| 15<br>19<br>21        | 17 44<br>9 43<br>19 11           | Samar and Leyte Islands Guam (Mariana Islands) Samar, Leyte and E Mindanao  | 10.4 N           | 124. 5 E<br>126. 5 E  | 800             | 1                               | III<br>III<br>VI                  | Repeated on the 16th at 8h 45m.  Aftershock on the 22d at 0h 31  Registered at Manila.   |
| 22<br>26              | 20 05 9 23                       | NE Mindanao   | 10.4 N           | 126. 5 E<br>126. 5 E  |                 |                                 | 111                               | Repeated at 15h 31m and on t<br>27th at 8h 42m.  |
| 27<br>30<br>31        | 2 42<br>0 19<br>3 45             | N Luzon   | 18.8 N           | 123.4 E<br>121.0 E    | 200             | 100                             |                                   | Repeated with intensity III-IV<br>2h 53m. Origin, Isarog Volcar<br>Registered at Manila. |
| June 2                | 0 02<br>11 41                    | Surigao (NE Mindanao)   | -                |                       |                 |                                 | III                               | Aftershock at 7h 09m.  |

<sup>\*</sup> See explanation in Monthly Bulletin of the Weathr Bureau for December, 1910, page 445.

#### APPENDIX.

#### Catalogue of Philippine earthquakes—Continued.

| <b>.</b>                                     | Time of occur-  | 1  |                  | e origin or<br>enter. | extension shake   |                 | Intensity  |  |
|--|---|--|------------------|-----------------------|-------------------|-----------------|--|--|
| Date.  | (Green-<br>wich<br>mean<br>time.                                | Place.   | φ                | 'λ                    | Longer            | Shorter xais.   | (Rossi-<br>Forel.                                  | Remarks.   |
| June 8<br>8<br>11<br>12                      | 1 40<br>20 16<br>6 47<br>7 47                                   | Yap (Western Carolines) Central Mindanao Aparri (NE Luzon) Camarines (SE Luzon)  | 5.8 N            | 2<br>124.5 E          | Km.<br>250<br>150 | Km.   250   100 | IV<br>IV-V<br>IV<br>VI-VII                         | Registered at Manila. Registered at Manila. Repetition with intensity IV at 7 50 m. Rockfall character. Nu merous aftershocks.   |
| 21<br>21<br>22<br>29<br>29                   | 3 31<br>15 29<br>18 07<br>8 15<br>21 30                         | Naga (SE Luzon) E Mindanao Basco (Batanes Islands) Naga (SE Luzon) Butuan (N Mindanao)   | 8.0 N            | 125.6 E               |                   |                 | III<br>V-VI<br>III<br>III<br>II-III                | Registered at Manila.  |
| July 1 2 2 4 5 8 9                           | 6 10<br>17 57<br>23 09<br>12 10<br>4 24<br>15 17<br>1 58        | E Visayas and Mindanao.  Butuan (N Mindanao).  N Mindanao.  Tigaon (SE Luzon).  Basco (Batanes Islands).  Agusan Valley (E Mindanao).  NE Mindanao, Samar and Leyte. | 9.2 N            | 125.1 E               |                   |                 | VI-VII<br>III-IV<br>III<br>II-III<br>III<br>III    | Registered all over the world. Registered at Manila. Origin, Isarog Volcano. Repeated next day at 3h 30 m. Registered at Manila. Ligh aftershocks. Origin in the Pacific. After  |
| 10<br>11<br>11<br>12<br>15<br>15<br>18<br>31 | 14 20<br>1 49<br>7 16<br>2 26<br>16 21<br>20 27<br>4 11<br>4 54 | Aparri (NE Luzon) Lanao (N Mindanao) Butuan (N Mindanao) Surigao (NE Mindanao) NW Luzon Naga (SE Luzon) Surigao (NE Mindanao) Camarines (SE Luzon)                   | 14.1 N           | 123.5 E               |                   |                 | III<br>III<br>III-IV<br>III<br>III<br>IV           | shocks at 2h 06m and 3h 07m<br>Registered at Manila.  Registered at Manila.  Registered at Manila. After shock at 4h 59m.  |
| 31<br>Aug. 2<br>2<br>7<br>11<br>11           | 13 34<br>3 02<br>18 07<br>6 44<br>13 20<br>23 30<br>15 04       | Lanao (N Mindanao)  Tigaon (SE Luzon) Butuan (N Mindanao) Tigaon (SE Luzon) Surigao (NE Mindanao) Antique (SW Panay)  Tigaon (SE Luzon)                              |                  |                       |                   |                 | III<br>III<br>III<br>II-III<br>IV                  | Registered at Manila.  Registered at Manila. Origin i the Sulu Sea.  |
| 13<br>14<br>14<br>14<br>15                   | 15 04<br>5 46<br>7 15<br>9 20<br>12 20                          | Butuan (N Mindanao) Camarines (SE Luzon) Baguio (W Luzon) Southern Mindanao  |                  |                       |                   |                 | III<br>III<br>III<br>II-III<br>X                   | Origin in the Isarog Volcano. Registered at Manila. Thousands of aftershocks som of intensity VII and VIII dur ing August, September and October. A tide wave invaded th southern coasts of Cotabat causing great damage an many victims. Registered a |
| 18<br>22<br>28<br>29                         | 22 13<br>13 01<br>11 12<br>4 05                                 | Tigaon (SE Luzon)<br>Guam (Mariana Islands)<br>Laoag (NW Luzon)<br>Masbate Island  |                  | <br>                  |                   |                 | II-III<br>III<br>III<br>III-IV                     | over the world. Origin in the Pacific.  Aftershock 30 <sup>m</sup> later.  |
| ept. 1<br>4<br>6<br>8                        | 20 01<br>17 20<br>3 17<br>2 39                                  | S Mindanao<br>S Mindanao<br>Baguio (W Luzon)<br>W Luzon  | 5.5 N<br>5.5 N   | 124.5 E<br>124.5 E    |                   |                 | V-VI<br>IV-V<br>III<br>III-IV                      | Registered at Manila. Registered at Manila. Registered at Manila. Origin   |
| 11<br>13                                     | 4 09<br>6 56  | Central Mindanao   | 7.7 N<br>20.4 N  | 124.5 E<br>121.9 E    | 450               | 300             | IV<br>VIII   | China Sea. Registered in the Far East. Repeated at 11 <sup>h</sup> 05 <sup>m</sup> with intensi ty IX destroying the two town of Sabtan and Ivana. Regis tered in the Far East. Numer ous aftershocks during September.                                |
| 15<br>17<br>24<br>26<br>27                   | 13 31<br>4 30<br>6 39<br>6 15<br>18 10                          | Butuan (N Mindanao) Butuan (N Mindanao) Iba (W Luzon) Camarines (SE Luzon) Legaspi (SE Luzon)  |                  |                       |                   |                 | III<br>IV<br>III<br>III<br>III                     | Aftershock at 10 <sup>h</sup> 41 <sup>m</sup> .  Origin, Isarog Volcano.   |
| Oct. 2<br>8<br>10<br>17<br>19<br>22<br>24    | 13 23<br>4 17<br>21 08<br>7 18<br>11 07<br>8 11<br>7 30         | S Luzon Batanes Islands NW Luzon Camarines (SE Luzon) NW Luzon and Batanes Islands Butuan (N Mindanao) SE Luzon  | 18.5 N<br>19.5 N | 120.2 E               |                   |                 | III-IV<br>V<br>IV<br>III<br>III-IV<br>III-IV<br>IV | Registered at Manila.<br>Origin, Isarog Volcano.<br>Registered at Manila.<br>Registered at Manila.<br>Repeated at 10h 44m. Registere   |
| 25<br>25<br>26                               | 2 45<br>19 06<br>17 01  | Tigaon (SE Luzon) S Mindanao Central Mindanao Batanes Islands  | 1                | i                     |                   | 250<br>600      | III<br>IV-V<br>V-V1                                | at Manila. Origin, Isarog Volcano. Origin in the Celebes Sea. Registered at Manila. Registered at Manila.  |
| 28<br>29<br>29                               | 8 33<br>17 39<br>18 03  | Batanes Islands<br>Surigao (NE Mindanao)<br>Batanes Islands  |                  |                       |                   |                 | IV<br>III<br>V-VI                                  | Origin in the Philippine Deep<br>Registered at Manila.<br>Repeated at 22 h 00 m.   |

#### APPENDIX.

### ${\it Catalogue \ of \ Philippine \ earthquakes} \hbox{--} {\it Continued}.$

| Date.                           | Time of occurrence. (Greenwich mean time.                |                   | Place.   | Probable origin or epicenter.            |                                  | Approximate extension of the shaken a <sup>2</sup> ea. |     | Intensity                             | Remarko  |  |  |
|---------------------------------|--|-------------------|--|--|----------------------------------|--|-----|---------------------------------------|--|--|--|
|                                 |  |                   |  | $\phi$ $\lambda$ Longer Short axis. axis |                                  |  |     |                                       |  |  |  |
| Nov. 1                          | 2<br>15<br>1   |                   | Aparri (NE Luzon) Batanes Islands  |  |                                  |  |     |                                       | Registered at Manila.  |  |  |
| 3                               |  |                   | Butuan (N Mindanao)<br>Tigaon (SE Luzon)   |  |                                  |  |     | ***                                   | Repeated at 15h 00m. Origin  |  |  |
| 3<br>7<br>8<br>9                | 18 1<br>14 8<br>15 1<br>19 2                             | 16<br>55<br>15    | Batanes Islands<br>Tigaon (SE Luzon)<br>Tigaon (SE Luzon)<br>SW Mindanao   |  | !<br>!                           |  |     | IV<br>IV<br>III<br>III                | Isarog Volcano. Origin, Isarog Volcano. Origin, Isarog Volcano. Origin in the Celebes Sea. Regis tered at Manila. Aftershock |  |  |
| 11                              | 11 2   | 25                | Tigaon (SE Luzon)  |  |                                  |  |     | II-III                                | following day, at 6h 10 m.<br>Repeated at 13h 15 m. Origin   |  |  |
| 18<br>20<br>21                  |  | 5                 | Camarines (SE Luzon) Samar Island and SE Luzon Samar Island and NE Minda   | 14.8 N<br>13.0 N                         | 124. 5 E<br>126. 0 E             |  |     | II-III<br>III                         | Isarog Volcano.<br>Registered in the Far East.   |  |  |
| 22                              | 22 2   | 1                 | nao  | 13.0 N                                   | 126.0 E                          | 700  | 400 | V-VI<br>II-III                        | Registered at Manila. Distant origin in the Philippin  |  |  |
| 23                              | 1 5  | 3                 | Camarines (SE Luzon)   |  |                                  |  |     | IV-V                                  | Deep. Registered in Manila.  |  |  |
| 24                              | 17 2   | 7                 | Davao (SW Mindanao)  |  |                                  |  |     | IV                                    | tered at Manila. Aftershock<br>at 1h 56m, 2h 39m and 9h 18m.<br>Registered at Manila. Distan                                 |  |  |
| 25<br>25<br>26<br>28            | 12 0<br>19 3<br>5 4<br>21 3                              |                   | N Luzon Samar and Leyte Islands NW Luzon Ormoc (W Leyte)   |  |                                  |  |     | IV-V<br>III<br>III                    | origin in the sea. Registered at Manila.   |  |  |
| 29                              | 7 0  |                   | W Buzon  | 10.4 19                                  | 120.2 E                          | -  |     | III-IV                                | Registered at Manila.  |  |  |
| Dec. 2<br>2<br>2<br>4<br>6<br>8 | 9 0<br>10 3<br>21 0<br>4 2<br>16 5<br>13 0               | 7   1             | Camarines (SE Luzon) SE Luzon Tigaon (SE Luzon) SE Luzon SE Luzon SE Luzon Buzon Naga (SE Luzon)                                 | 14.0 14                                  | 124. 1 15                        | !-   |     | III<br>III-IV<br>II-III<br>III<br>III | Registered at Manila. Origin, Isarog Volcano. Registered at Manila.  |  |  |
| 13<br>15<br>18<br>19<br>21      | 1 4'<br>22 20<br>8 48<br>10 3:<br>12 0:<br>19 58<br>5 2: | ) S<br>5 I<br>2 I | Naga (SE Luzon) Camarines (SE Luzon) Samar Island Legaspi (SE Luzon) NE Mindanao Legaspi (SE Luzon) W Mindanao Aparri (NE Luzon) | 12.8 N<br>13.9 N<br>9.2 N                | 126. 0 E<br>125. 0 E<br>125. 4 E |  |     | III-IV III III-IV III IIII-IV III     | Origin, Isarog Volcano. Regis<br>tered at Manila.<br>Registered at Manila.<br>Registered at Manila.                          |  |  |
| . 23                            | 3 14   | Ì                 | W Mindanao   | 7.0 N                                    | 123. 1 E                         |  |     | III-IV                                | Registered at Manila. After shock at 4 h 03 m.   |  |  |

### TABLE OF CONTENTS.

|   |                 | [               | Numbe          | ers refer         | to page           | .]                 |            |              |                                       |            |                | Page                                      |
|---|-----------------|-----------------|----------------|-------------------|-------------------|--------------------|------------|--------------|---------------------------------------|------------|----------------|---|
| IntroductionIntroducción  |                 |                 |                |                   |                   |                    |            |              |                                       |            |                |   |
|   | T               | Fab             |                |                   |                   |                    | İ          | A            | Con                                   | Oc-        | No             | Decem-                                    |
|   | uary.           | ruary.          | March          | April.            | May.              | June.              | July.      | Au-<br>gust. | Sep-<br>tember.                       |            | No-<br>vember. | ber.                                      |
| Meteorological Bulletin by  |                 |                 | -              |                   |                   |                    |            |              |                                       |            |                |   |
| Rev. José Coronas, S.J.:<br>General weather notes   |                 | 29              | 47             | 65                | 83                | 103                | 125        | 149          | 175                                   | 199        | 219            | 239                                       |
| Depressions and typhoons _<br>Notas generales del tiempo_                                     | 10<br>11        | 30              | 48             | 66                | 84<br>85          | 104<br>108         | 126<br>131 | $150 \\ 153$ | 176<br>179                            | 200<br>203 | 220<br>221     | $\begin{array}{c} 240 \\ 241 \end{array}$ |
| Depresiones y tifones   | 11              | 31              |                | 68                | 85                | 108                | 131        | 153          | 179                                   | 203        | 221            | 241                                       |
| Meteorological data for Manila  | 12              | 32              | 50             | 69                | 86                | 109                | 133        | 155          | 181                                   | 205        | 222            | 243                                       |
| Meteorological data for   | 1               |                 | !              |                   |                   |                    |            |              |                                       |            |                |   |
| Baguio<br>Daily rainfall at the sta-  | 13              | 33              | 51             | 70                | 87                | 110                | 134        | 156          | 182                                   | 206        | 223            | 244                                       |
| tion of the Weather Bu-   | 14              | 94              | 52             | 71                | 88                | 111                | 195        | 157          | 183                                   | 907        | 224            | 945                                       |
| reau  | 14              | 34              | 32             | /1                | 00                | 111                | 135        | 157          | 100                                   | 207        | 224            | 245                                       |
| temperatures at the sta-<br>tions of the Weather Bu-  |                 |                 |                |                   |                   |                    |            |              | 1                                     |            |                |   |
| reau  | 16              | 36              | 54             | 73                | 90                | 113                | 137        | 159          | 185                                   | 209        | 226            | 247                                       |
| Seismological Bulletin by Rev.<br>Miguel Saderra Masó, S.J.:                                  |                 |                 |                |                   |                   |                    |            |              |                                       |            |                |   |
| Earthquakes felt in the   | 01              | 43              |                |                   | 0.5               |                    | 1.41       | 1.00         | 100                                   | 010        | 201            | 051                                       |
| Philippines Records of the microseis  | 21              | 41              | 59             | 77                | 95                | 117                | 141        | 163          | 189                                   | 213        | 231            | 251                                       |
| mographs.   |                 | 42              | 60             | 78                | 96                | 118                | 142        | 165          | 191                                   | 214        | 232            | 252                                       |
| Temblores de tierra senti-<br>dos en Filipinas  | 25              | 44              | 62             | 80                | 98                | 121                | 146        | 169          | 195                                   | 216        | 235            | 255                                       |
| Appendix to the Monthly Bull<br>Annual Summary of meteorolo<br>Catalogue of the Philippine ea | gical           | data<br>akes,   | for<br>1918    | Man il            | a                 | ·<br>              |            |              |                                       |            |                | 25  |
| The typhoon of June 23 to J   |                 |                 |                |                   |                   | -                  |            | т            |                                       |            |                | 10  |
| El tifón de junio 23 a julio 1, 1   |                 |                 |                |                   |                   |                    |            |              |                                       |            |                |   |
| The Guam Typhoon, July 5 t  | o 15,           | 1918            | B, by          | Rev.              | José C            | oronas             | s, S. J.   |              |                                       |            |                | 12  |
| El tifón de Guam, julio 5 al 15,  | , 1918<br>Tinda | 3               |                |                   | 1 0               |                    |            |              | A                                     |            | 1010           | 13:                                       |
| The Earthquake of southern MEl terremoto del Sur de Minda:                                    | nao.            | nao i<br>agoste | oy ne<br>o 15. | v. M18<br>1918    | guer Sa           | aderra             | maso       | , D. J.      | , Augu                                | IST 15,    | 1918           | 16:<br>16:                                |
| The Earthquakes of Batanes Is   | lands           | by l            | Rev. I         | <b>Aigue</b> l    | Sader             | ra Ma              | só, S.     | J., Se       | eptemb                                | er 13,     | 1918           | 18  |
| Los terremotos de Batanes, sep  |                 |                 |                |                   |                   |                    |            |              |                                       |            |                |   |
| Two typhoons over northern Lu<br>Dos tifones en el N de Luzón,                                | zon, (          | Oct. 9<br>bre 9 | to 22<br>al 2  | 2 and 1<br>22 y 1 | 16 to 2<br>6 al 2 | 14, 191<br>14, 191 | 8, by 1    | Rev. J       | osé Co                                | ronas,     | , S. J         | 200                                       |
| •   |                 | LIST            | OF             | ILLUS             | STRA'             | rions              | S. ,       |              |                                       |            |                |   |
| I. Approximate tracks of t  | he ty           | phoo            | ns an          | d dep             | ression           | s for              | Janua      | ry to        | April                                 | , 1918     |                | 6   |
| II. Approximate tracks of t   | he ty           | phoo            | ns ar          | d dep             | ressior           | s of M             | Iay an     | d Jun        | e, 1918                               | 3          | ·····          | 10  |
| III. Isobars and barographic IV. Approximate tracks of t                                      | reco            | ras I<br>Znhoo  | or the         | e typh            | oon of            | June               | 23 to      | July<br>012  | 1, 1918                               | 3          |                | 10  |
| V. Isobars for the typhoor  | of              | July            | 5 to           | 13,               | 1918              |                    | , 1        |              | · · · · · · · · · · · · · · · · · · · | <br>       |                | 12<br>13                                  |
| VI. Approximate tracks of t   | he ty           | phoo            | ns an          | id dep            | ressior           | s of A             | August     | t, 1918      | 3                                     |            |                | 15  |
| VII. Approximate tracks of t  | he ty           | phoo            | ns an          | d dep             | ression           | s of S             | Septem     | ber, 1       | 918                                   |            |                | 17  |
| VIII. Approximate tracks of t<br>IX. Approximate tracks of t                                  |                 |                 |                |                   |                   |                    |            |              |                                       |            |                |   |

# BULLETIN FOR DECEMBER, 1918.

| - 그 이용하는 사용에 발생하는 것 같아 있다.<br>- 그 일 교육 기계를 하고 있는 것들이 가능하는 것이다. |   |  |   |  |   |
|--|---|--|---|--|---|
|  |   |  |   |  |   |
|  | 하나 있다. 교육이 통하다 중요한 50년<br>1일: 12일 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계 기계  |  |   |  |   |
|  |   |  |   |  |   |
|  |   |  |   |  |   |
|  |   |  |   |  |   |
|  |   |  |   |  |   |
|  |   |  |   |  |   |
|  |   |  |   |  |   |
|  |   |  | [10] (14] (14] (14] (14] (14] (14] (14] (14 |  |   |
|  |   |  |   |  |   |
|  | 1. (1) 1. (1) 1. (1) 1. (1) 1. (1) 1. (1) 1. (1) 1. (1) 1. (1) 1. (1) 1. (1) 1. (1) 1. (1) 1. (1) 1. (1) 1. (1<br>1. (1) 1. (1) 1. (1) 1. (1) 1. (1) 1. (1) 1. (1) 1. (1) 1. (1) 1. (1) 1. (1) 1. (1) 1. (1) 1. (1) 1. (1) 1. (1)   |  |   | ),   |   |
|  |   |  |   |  |   |
|  |   |  |   |  |   |
|  |   |  |   |  |   |
|  |   |  |   |  |   |
|  |   |  |   |  |   |
|  |   |  |   |  |   |
|  | 500 - 100 - |  |   |  | 등 이 발표가 되고 하다.<br>14. 255 - 12 - 12 - 12 - 12 |
| - 1 (1986)   |   |  |   |  |   |
|  |   |  |   |  |   |
| - 그렇게 돌아가 있는 사람이 있는 것으로 가고 있다. (*)<br>                         |   |  |   |  |   |
|  |   |  |   |  |   |
|  |   |  |   |  |   |
|  |   |  |   |  |   |
|  |   |  |   |  |   |
|  |   |  |   |  |   |
|  | 레스 : 1명이 12일이라고 12일 등록 12일이<br>1997년 1일 1일 1일 1일 1일 1일 1일 1일 1일 1일 1일 1일 1일   |  |   |  |   |
|  |   |  |   | 경향 이용합니다. 그런 이번호 (12 2 2)<br>- 아파를 하는 것으로 및 12 2 2 2 1 1 1 1 1   |   |
| - '현실' 등 생기로 하는데 보다는 보고 있었다. 그 사람들<br>                         |   |  |   |  | 교통 중심 연구자                                     |
|  |   | 크리 등에 기계가 하다면 되었다.<br>1. 이 기계를 보면 하는 것이 있다.                |   |  |   |
|  |   |  |   |  |   |
|  |   |  |   |  |   |
|  |   | 일이 있는데 이번 중요. 경우 분들로 제작되었다.<br>있다. 경우를 들어 있다. 소요한 이 없었습니다. |   |  |   |
| 고 (의 ) 및 11. 12 및 12. 12. 12. 12. 12. 12. 12. 12. 12. 12.      |   |  |   |  |   |
|  |   |  |   |  |   |
|  |   | 나라 현재 기계를 들고 있습니다. 그리지 않을<br>뉴스 교통 이 기를 통해 보는 것이 하는 것이다.   |   | 현실 시간 기업을 발표하는 경기 있는<br>12일 : 10일 : 10일 : 10일 : 10일 : 10일 : 10일 : 10일 : 10일 : 10일 : 10일 : 10일 : 10일 : 10일 : 10일 : 10일 : 10일 : 10일 : 10 |   |
|  |   |  |   |  |   |
|  |   |  |   |  |   |
|  | . 등 전 10 10 10 10 15 15 15 15 15 15 15 15 15 15 15 15 15  |  |   |  |   |
|  |   |  |   |  |   |
|  |   |  |   |  |   |
|  |   |  |   |  | 이 있다. 이 경험을 받았다.<br>일하는 그래스 이 경험              |
|  |   |  |   |  | 교육의 기계의 교육 (1)<br>관계를 하는 경우 (1)               |
| 그리즘 휴민의 전 시간을 보지 않는 경향을 받는다.<br>그리는 전쟁 등이 발생하는 것이 되었다.         |   |  |   |  |   |
|  |   |  |   |  |   |
|  | 요. 명이 되었다. 이 주시다. 기존<br>임명 (2012년 - 1882년 - 1882년 - 1882년 - 1882년 - 1882년 - 1882년 - 1882년 - 1882년 - 1882년 - 1882년 - 1882년 - 1882년 - 1   |  |   |  |   |
|  |   |  |   |  |   |
|  |   |  |   |  |   |
|  |   |  |   |  |   |
|  |   |  |   |  |   |
| 그리는 병원 2012년 전 그 보면 그는 그리다 바다 바다 [시민] [1]                      | 4.86님께 시작된 그는 시민이 시작된 기계 점을 찾다.   | 그 그는 그에 들어 간에게 그리는 그림 생겼다                                  |   | 당하는 가지 마다니는 김 사람들 하는 것들다.  |   |

|  |   |   |  | * |  |
|--|---|---|--|---|--|
|  |   |   |  |   |  |
|  |   |   |  |   |  |
|  |   |   |  |   |  |
|  |   |   |  |   |  |
|  |   |   |  |   |  |
|  |   |   |  |   |  |
|  |   |   |  |   |  |
|  |   |   |  |   |  |
|  |   |   |  |   |  |
|  |   |   |  |   |  |
|  |   |   |  |   |  |
|  |   |   |  |   |  |
|  |   |   |  |   |  |
|  |   |   |  |   |  |
|  |   |   |  |   |  |
|  |   |   |  |   |  |
|  | • |   |  |   |  |
|  |   |   |  |   |  |
|  |   |   |  |   |  |
|  |   |   |  |   |  |
|  |   |   |  |   |  |
|  |   | * |  |   |  |
|  |   |   |  |   |  |
|  |   |   |  |   |  |
|  |   |   |  |   |  |
|  |   |   |  |   |  |
|  |   |   |  |   |  |
|  |   |   |  |   |  |
|  |   |   |  |   |  |

|                                       | - | ` |          |
|---------------------------------------|---|---|----------|
|                                       |   |   |          |
|                                       |   |   |          |
|                                       |   |   |          |
|                                       |   |   |          |
|                                       |   |   |          |
|                                       |   |   |          |
|                                       |   |   |          |
|                                       |   |   |          |
|                                       |   |   |          |
|                                       |   |   |          |
| · · · · · · · · · · · · · · · · · · · |   |   | <i>.</i> |
|                                       | ŕ | • |          |
|                                       |   |   |          |
|                                       |   |   | •        |
|                                       |   |   |          |
|                                       |   |   |          |
|                                       |   |   |          |
|                                       |   |   |          |
|                                       |   |   |          |
|                                       |   |   | ,        |
|                                       |   |   |          |
|                                       |   |   |          |
|                                       | • |   |          |
|                                       |   |   |          |
|                                       |   |   |          |
|                                       |   |   |          |
|                                       |   |   |          |
|                                       |   |   | •,       |
|                                       |   |   | ·.       |
|                                       |   |   |          |
|                                       |   |   |          |
|                                       |   |   |          |
|                                       |   |   | 1        |
|                                       |   |   |          |
|                                       |   |   |          |
|                                       |   |   |          |
|                                       |   |   |          |

.

•

, 

HOV 8 1981 WHY. OF MICH. 3 9015 02328 1432

